



KIRPY

Since 1912
The stone removal specialist



GRENIER FRANCO

MADE IN FRANCE



Agriculture



Public Works



Vine



Forest



Arboriculture

GENERAL BROCHURE



www.kirpy.com



Founded in 1912 by Mr. Garric, KIRPY achieved its first success with the construction of a special plough called the "Décavaillonneuse", designed to till the vine row, a demanding task that was once done entirely by hand.

Today, this represent :

**Over 110 years
of experience**

in soil preparation and over
40 years' experience in stone
removal

2 production sites

KIRPY,
47390 Layrac – France
GRENIER FRANCO,
26140 Andancette – France

**Over 10 000
parts**

listed in our catalogue.

3 BRANDS

KIRPY *Since 1912*
The stone removal specialist

GRENIER FRANCO
MADE IN FRANCE

BECKER



19 Models de Stone crushers

pour travaux
Agricoles et
Travaux publics.

Over 1.000 Tabacco harvester

Sold worldwide

± 100 soil preparation products

Tools for vineyards,
orchards, arable farming,
and forestry.

8 models of forestry mulchers - 21 models of forestry brush cutters

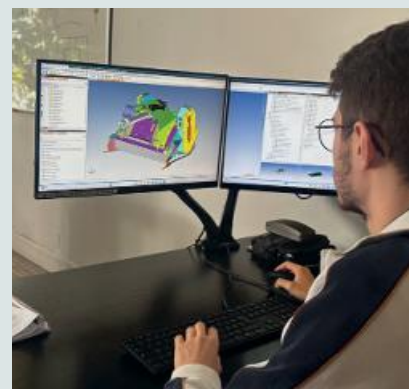
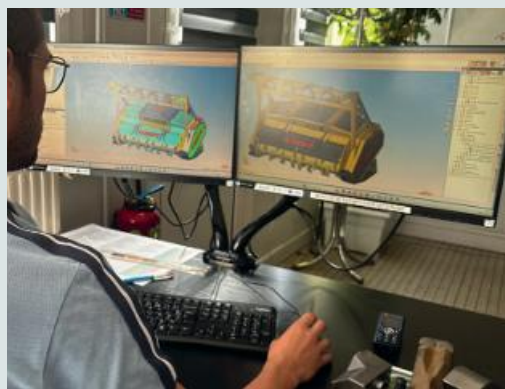
For all power ranges
and job sites.

9500 m² floorspace

at the KIRPY site,
on a plot of 2 hectares

95% of production is in-house

We have full control over our
products and spare parts



GRENIER FRANCO
MADE IN FRANCE

92 years of reliability and excellence

Located in the Rhône Valley between Lyon and Valence, the company Grenier Franco manufactures soil preparation, brush clearing, and vine removal tools for viticulture, arboriculture, forestry, and tropical farming.

For the past 20 years, it has also diversified into the production of handling equipment for the industrial sector. Its size (an SME of 20 employees) and expertise allow it to be highly responsive in the design and manufacturing of custom equipment.

Recognized for over 90 years for its reliability and the quality of its products, the company continues to evolve according to customer demand and requirements, offering tools designed for very demanding working conditions such as brush clearing, deep tillage, and more.



KIRPY Since
The stone removal specialist

Tél. +33 (0)5 53 87 00 02

www.kirpy.com

IMPORTANT

- The use of counterfeit parts will void any manufacturer's warranty.
- The use of grease that does not comply with the recommendations for our shredders will void any manufacturer's warranty.

RECOMMENDATIONS

Tools

To avoid any risk of errors and loss of time, please provide us, when placing your equipment orders, with the following information :

- Brand and type of tractor to be equipped.
- Dimensions of the ball joints.

GENERAL PRICELIST 2026

The prices in this price list are understood as follows:

- Excluding VAT in the "ex-VAT" column.
- In Euros (€).
- Ex-works (ex-factory).

- Exact reference of the equipment ordered.
- Specifications of the tractor's power take-off (PTO).
- Preferred shipping method.
- For efficient warranty manShankment, please provide the end-user's contact details.

Equipment and spare parts ordering department.:

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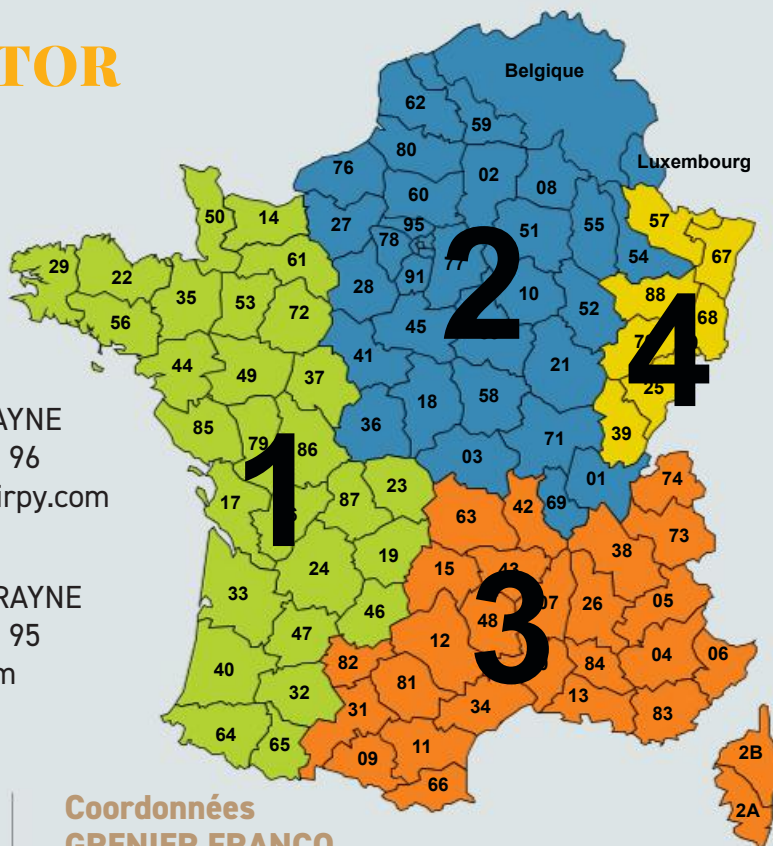
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KIRPY *Since 1912* The stone removal specialist

Mini-vineyard stone crushers

BP 80 - BPE 50/10 - 80	Page 6
Vineyard stone windrowers CAV 20-24	Page 6
Vineyard stone crushers BPL/BPL-F	Page 7
Stone crushers BP 145 - BPR 200/250	Page 8
Stone crushers BPB 200/250	Page 9
Stone crushers BPN 200-250-300	Page 10
Stone crushers BPS 200-250-300	Page 11
Stone crushers BSC 250-300	Page 12
Light forestry mulchers BKL 115/150/175	Page 13
Forestry mulchers BKF 200/225/250	Page 14
Heavy forestry mulchers BFS 225/250	Page 16
Stone removers NS-TP	Page 18

Public works subsoiler/ripper SG	Page 18
Levelling blade LN 253	Page 18
Stone picker RDL 15-25	Page 19
Stone windrower AN 32 mechanical drive	Page 20
Stone windrower AN 32-H hydraulic drive	Page 20
Stone windrower AN 3RS2 hydraulic drive and folding	Page 21
Stone windrowers AN 5R hydraulic drive and folding	Page 21
Non-stop heavy cultivators NS 25/30/35/50	Page 22
Moroccan tine chisel plough DM 50-17	Page 23
Crumbling rollers RE 25/30/35 - RP 25/30	Page 23
Tobacco harvester RMTD	Page 24



Vine lifters GMV	Page 27
Rake for collecting vine rootstocks AMS - MA - GD - FS	Page 28
Single-furrow Ploughs QUARTER TURN	Page 29
Ripper Ploughs QUARTER TURN	Page 29
Subsoilers SIMPLE	Page 30
Subsoilers MULTI-BODY	Page 30
Subsoilers FERTILISER PLACEMENT SUBSOILERS	Page 31
Subsoilers MICHEL SHANKS	Page 31
Cultivators ENJAMBEURS LAVANDE	Page 32
Retractable cultivators ESF/LOC/EC	Page 32
Cultivators EXTENSIBLES EN V	Page 33
Cultivateurs vine VME Reinforced expandable cultivators	Page 34
Vine cultivator VME ENJAMBEUR	Page 34
Vine cultivators INTERCEP	Page 35

Culticeps rotatif KR2-26	Page 36
Winegrowers' executives CV	Page 37
Disc Cultivators CULTIDISQ	Page 38
Chisels and subsoilers MGM/BGM	Page 39
Scarifiers - Chisels SC	Page 39
Vertical axis forest brush cutters EV/SA	Page 39
Vertical axis forestry brush cutters SD/JM/SDC/BRC/LF/JMB	Page 40
PALLET LIFTERS	Page 42
Subsoilers FRUIT TREE PLANTERS	Page 42
"PRUNING WOOD" forks	Page 42
Subsoilers PLASTIC LIFTER	Page 42
PLOUGH ANIMAL TRACTION	Page 43
CHARRUE TRACTION 5 SOCS	Page 43
Organic cultivators NRB	Page 43



Forest subsoils SSM	Page 45
Forest subsoils Accessories MODUL'D	Page 45
Reversible scarifier SR	Page 46
PickAxle harrow PH	Page 46
Plantations maintenance SYLVA'CASS	Page 47
GRUBBING BLADES	Page 47

SABOT DE FRANCHISSEMENT	Page 47
Forestry Ridger CULTI 3B	Page 48
Cover crop forests "CRABE" BÂTI 2M55	Page 49
Sticking machines FCL 21P - JCP 295	Page 50
Forest subsoiler SF 130 820 H	Page 50

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Arboriculture



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Arboriculture



MINI-VINEYARD STONE CRUSHERS BP 80 - BPE 50/10 - 80

Mobile hammers - fixed hammers

- For wine growers, landscapers, market gardeners..., **KIRPY** offers a special **BP** and **BPE** range of stone crushers for high-clearance and vineyard tractors.
- **BPE 50/10** and **BPE 80** designed for use on highclearance tractors in either overhead or lateral position.
- **BP 80** 3-point mounted for wheeled or tracked tractors...
- Detachable frame on **BP 80** for maximum row coverShank.
- **BP 50/10** : Mobile hammers.
- **BP80 - BPE 80** : Fixed hammers.



KIRPY BP 80 stone crusher coupled in 3 points on a winegrower's tractor



BPE 50/10 and BPE 80 designed for high-clearance tractors in either overhead or lateral position.

Wear parts list

Reference	Description
02 093 046	Replaceable hammer
01 093 029	Carbide hammer BP-BPE 80

All our type BP 80 stone crushers are equipped with 6 Spline 1 3/8» transmissions

Technical specifications // Price

Reference	Type	Number of hammers	Overall width - m	PTO speed rpm	Working width - m	Power HP	Weight kg
High-clearance tractors							
05 134 098	BPE 50/10	10	0,66	540	0,64	35 - 45	350
05 134 150	BPE 80	9	0,80	540	0,80	40 - 50	600
3-point hitch (with spacers)							
05 134 153	BP 80	9	0,80	540	0,80	40 - 50	700

VINEYARD STONE WINDROWERS

CAV 20

CAV 20 + 2 tooth extension



Windrow of 52 cm



- Width adjustment worked, from 160 to 217 cm for the **CAV 20**, from 182 to 240 cm with 4-tooth extensions and from 227 to 284 cm with 12-tooth extensions.
- Spacing by hydraulic cylinder to obtain a swath of 52 to 110 cm.

Technical specifications // Price

Réf.	Type	Min width (cm)	Max width (cm)	Windrow width (cm)	No. of tines	Weight kg
05 134 001	CAV 20	160	217	52 - 110	20	305
OPTIONS						
04 062 008	2-tooth extension - per pair	182	240	52 - 110	4 (2x2)	30
04 062 014	6 Tooth Extension - Pair	227	284	52 - 110	12 (2x6)	80
	Double Hitch					90



BPL-F

BPL Rotor

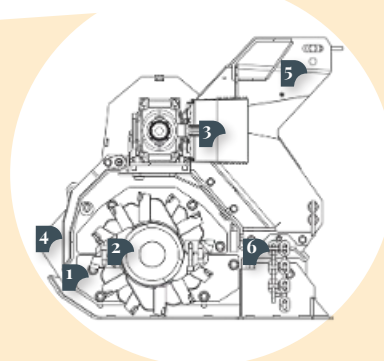


BPL-F Rotor



Hammers mobile - Fixed

- Vineyard stone crushers with mobile hammers (**BPL**) or fixed hammers (**BPL-F**).
- The **BPL** is equipped with standard mobile hammers made of treated steel or with carbide hammers.
- The **BPL** is equipped with 3 rows of mobile hammers giving a very flexible operation and wide coverShank while reducing weight to an absolute minimum. Low inertia makes the rotor easy to start. Perfect dynamic balance.
- The **BPL / BPL-F** can be offset for working from the row edge or pulled centrally by the tractor. They are fitted with a door opened by hydraulics.
- The **BPL-F** features a rotor with fixed hammers. Made from high-quality steels(anti-abrasion and hightensile steel), combining lightness with robustness, reliability and safety.
- **BPL** and **BPL-F** make it possible to work vineyard soils in the most difficult conditions (slopes, espalier vines).
- Pulled by vineyard tractors with tyres or caterpillar tracks.
- The synchronous belt drive avoids high tensions on the bearings.
- The **BPL-F** is equipped as standard with carbide hammers.
- The **BPL-F** benefits from the experience and technical innovation of BPL. The new design of its adjustable pads and fixed hammer rotor give the BPL-F an unrivalled crushing capacity.
- Road sign kit : *contact us*.



- 1 Hammer
- 2 Rotor
- 3 Transmission
- 4 Expansion Stream Hydraulic
- 5 Hitch
- 6 Anvil

Technical specifications // Price

all our type BPL / BPL-F crushers are equipped with 6 splines 1"3/8 transmissions.

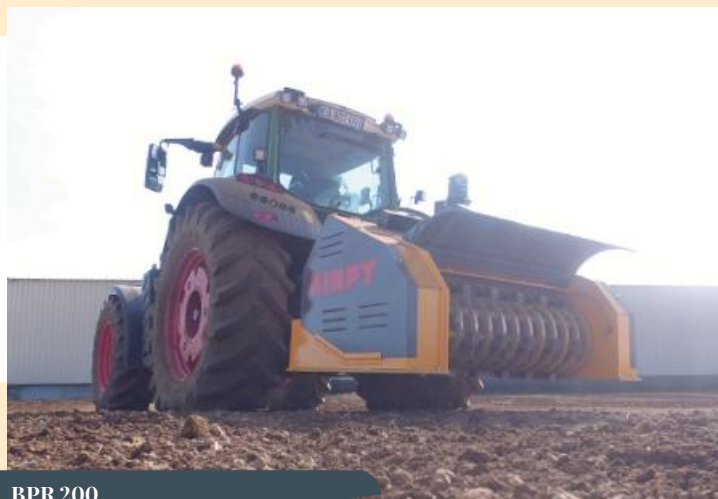
Reference	Type	Number of hammers	Number of hammers	PTO speed - rpm	Working width - m	Power HP	Weight kg
07 134 001	BPL	21	1 synchronous belt	540	1,36	60	875
07 134 106	BPL-F	21	1 synchronous belt	540	1,36	60	950
07 134 154	BPL-F145	22	4 XPB	540	1,42	60	860
07 134 155	BPL-F180	30	4 XPB	540	1,78	90	1 000
07 134 167	BPL-F200	34	4 XPB	540	1,98	100	1 085

Wear parts list

Reference	Description
02 093 049	Replaceable hammer, 80 x 45
01 093 015	Carbide hammer 80 x 45
01 093 029	Carbide hammer BPL-F

Mobile hammers

- Price equipped with replaceable hammers 80 x 45 or 80 x 60 (supplied with a free set of replaceable hammers).
- Rear door with hydraulic opening.
- Freewheel clutch housing.
- Single drive **BP 145**.
- Double belt drive with automatic belt tension **BPR series**.
- Road sign kit: **contact us**.



BPR 200

Technical specifications // Price

All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines).

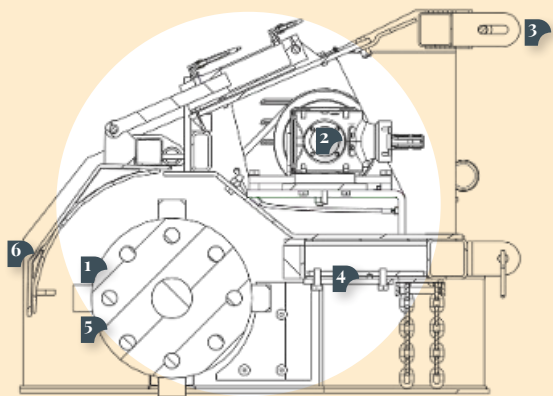
Reference	Type	Number of hammers	Number of belts	PTO speed - rpm	Working width - m	Power HP	Weight kg
Série BP							
06 134 043	BP 145	16	1x4 - SPC 2120	1 000	1,40	80 - 90	1 540
Série BPR							
07 134 127	BPR 200	24	2x3 - SPC 2240	1 000	2,00	110 - 120	2 250

Optional equipment for new crushers

Reference	Description
03 126 185	Refining screen for BP 145
03 126 409	Refining screen for BPR 200
02 135 044	Automatic central lubrication kit
03 025 151	Central lubrication support BPR

Wear parts list

Reference	Description
02 093 049	Replaceable hammer 80 x 45
02 008 165	Hammer washer 80 x 45
02 093 059	Replaceable hammer 80 x 60
01 093 015	Carbide hammer 80 x 45
01 093 014	Carbide hammer 80 x 60
01 126 216	Grease cartridge



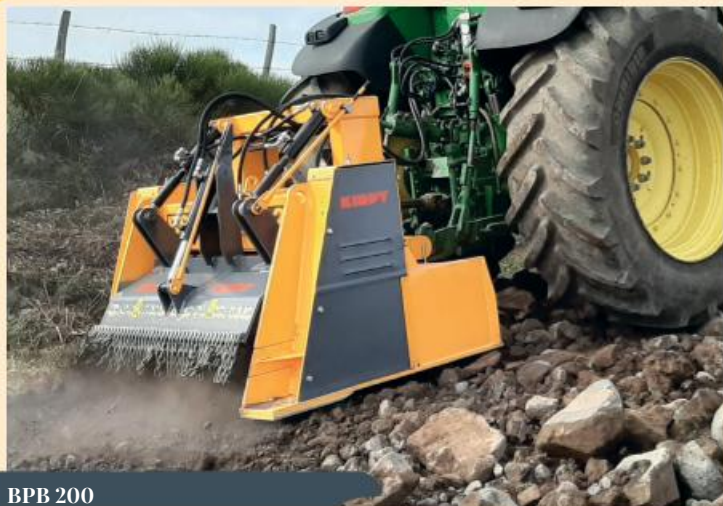
- 1 Rotor
- 2 Transmission
- 3 Hitch
- 4 Anvil
- 5 Hammers
- 6 Hydraulic expansion flap



BP 145



BPR 200



BPB 200

Fixed hammers

- Freewheel clutch housing.
- The tractor should be equipped with 2 dualaction hydraulic PTOs, one for the rear door and the other for adjusting the anvil.
- Rear door with hydraulic opening.
- Road sign kit: **contact us**.

Technical specifications // Price

All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines).

Reference	Type	Number of hammers	Number of belts	PTO speed - rpm	Working width - m	Power HP	Weight kg
07 134 012	BPB 200	8	2x6 - XPB	1 000	1,80	100 - 120	2 350
07 134 013	BPB 250	12	2x6 - XPB	1 000	2,44	130 - 140	3 250

Key features of the KIRPY BPB

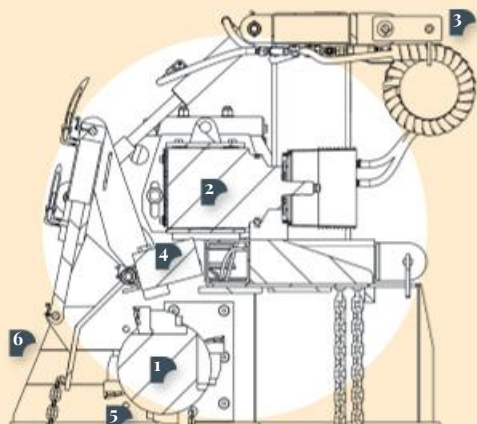
- Dual notched belt drive.
- Sealed bearings (labyrinths).
- Solid rotor that can be fitted with replaceable or carbide hammers.
- Hydraulically adjustable anvil with hydropneumatic safety system.
- Welded steel casing.
- Hardox plating.

Optional equipment for new crushers

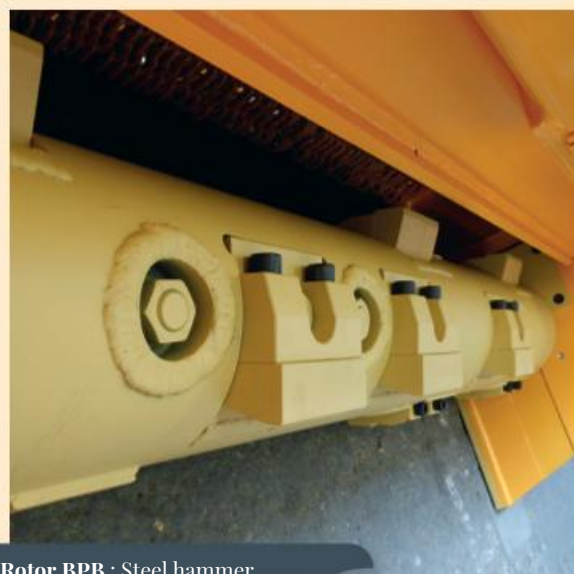
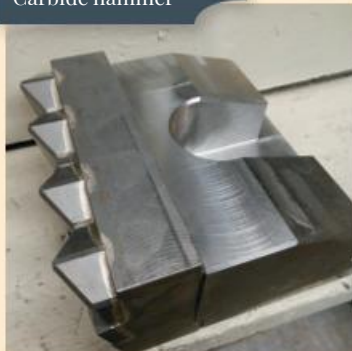
Reference	Description
02 135 044	Automatic central lubrication kit

Wear parts list

Reference	Description
02 025 104	Hammer support BPB M20
02 093 016	Replaceable hammer 80x60 BPB M20
01 093 017	Carbide hammer BPB
01 127 111	CHC screw M20 x 100 BPB
02 027 012	Detachable anvil
01 127 335	Anvil screw
01 126 216	Grease cartridge
01 127 849	Hammer support screw Ø 33
01 127 674	Locknut support Ø 33



Carbide hammer



Rotor BPB : Steel hammer



Fixed Hammers

- Standard carbide hammers.
- Rear door with hydraulic opening.
- Freewheel clutch housing.
- Dual drive. (**BPN 250** and **300**)
- Optional branch guard
- **BPN 200** : 540 or 1000 rpm gearbox



BPN 300

Technical specifications // Price

All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines).

Reference	Type	Number of hammers	Number of belts	PTO speed - rpm	Working width - m	Power HP	Weight kg
07 134 137	BPN 200	22	1x6 - XPB	540 - 1 000	2,00	90 - 110	1 900
07 134 093	BPN 250	34	2x6 - XPB	1 000	2,50	110 - 130	2 600
07 134 109	BPN 300	42	2x6 - XPB	1 000	3,00	150 - 220	3 120

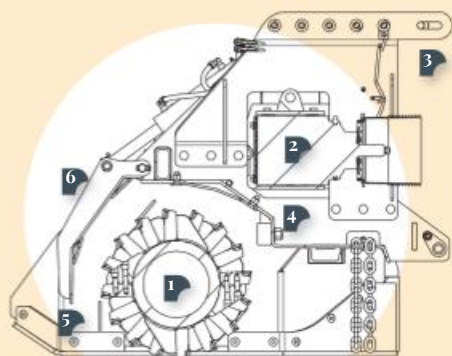
Optional equipment for new crushers

Reference	Description
02 135 044	Automatic central lubrication kit
04 109 112	Branch guard BPN 250
04 109 114	Branch guard BPN 300
02 135 054	BPN road sign option kit
02 089 345	Wear skid BPN (BPN 200)

Wear parts list

Reference	Description
01 093 021	Carbide hammer BPN
01 126 216	Grease cartridge

- 1 Rotor
- 2 Transmission
- 3 Hitch
- 4 Anvil
- 5 Hammers
- 6 Hydraulic expansion flap



BPN 200



Key features of the BPN

- Carbide hammers, stones and forest brush.
- Helical rotor: low power demand.
- Hydraulic rear door
- Interchangeable interior casing.
- Very high quality steel and components.
- Low operating costs.
- Optional equipment : Branch guard and automatic central lubrication system.
- Interchangeable pads.



BPS 250

Fixed hammers

- Freewheel clutch housing and rear deflector pads.
- The tractor should be equipped with two doubleaction hydraulic couplings, one for the rear door and the other for adjusting the anvil.
- Automatic central lubrication system on **BPS 250** and **BPS 300** as standard.
- Standard trough protection plates.

All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines). Note: Crushers BPS 200, BPS 250 and BPS 300 come equipped with 6 or 20 Spline 1 3/4» transmissions. (The manufacturer may not be held liable for using 1 3/8» transmissions.)

Technical specifications // Price

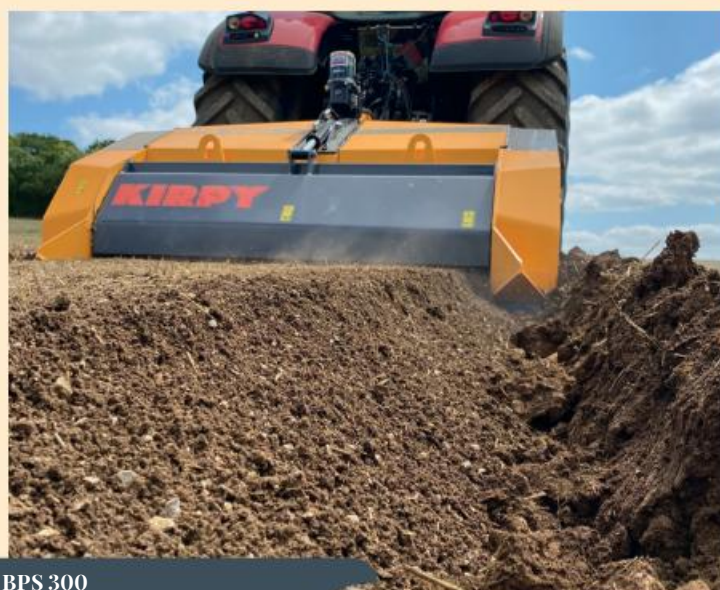
Reference	Type	Number of hammers	Number of belts	Working width - m	Power HP	Weight kg
07 134 151	BPS 200	24	2x4	2,00	150 - 160	3 060
07 134 149	BPS 250	32	2x5	2,50	200 - 250	4 200
07 134 112	BPS 300	40	2x5	3,00	250 - 300	5 250

Optional equipment for new crushers

Reference	Description
04 135 005	Right sunken pad kit with coupling
04 135 006	Left sunken pad kit with coupling
03 135 055	Central lubrication kit BPS 200
04 135 031	High power belt tension kit
03 135 053	BPS road sign option kit

Wear parts list

Reference	Description
02 093 057	Replaceable hammer
02 093 018	Carbide hammer EKO
02 093 078	Carbide hammer HDG
02 093 013	Carbide hammer HD-TP
01 126 216	Grease cartridge
01 027 079	Trough protection plate
03 135 049	Kit wear heels (the pair with bolts)

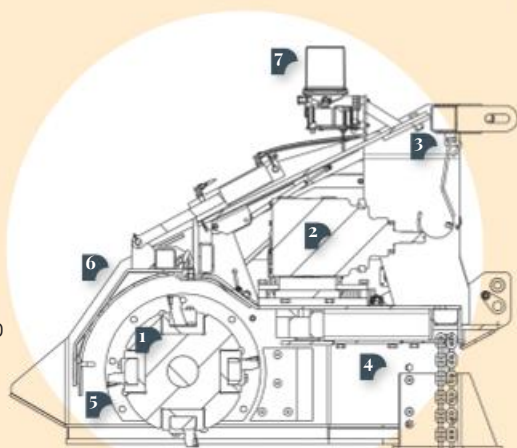


BPS 300

Key features of the KIRPY BPS

- Low-cost fixed hardened steel hammers or carbide hammers for heavy duty work (3 types).
- Reinforced, large diameter rotor for excellent depth and throughput.
- Hydraulically adjustable anvil for selecting particle size.
- Dual rotor drive and automatic belt tension (**BPS 200-250**).
- Hydraulic expansion flap.
- Interchangeable pads for deeper tasks.
- Low operating costs.
- Automatic central lubrication system (**BPS 250/3**).
- Fully interchangeable interior casing made from special steel.
- Working depth: 20/25 cm.

- 1 Rotor
- 2 Transmission
- 3 Hitch
- 4 Anvil
- 5 Hammers
- 6 Hydraulic expansion flap
- 7 Lubrication unit





Agriculture Public Works

STONE CRUSHERS BSC 250 - 300

Fixed Hammers

- Standard carbide hammers.
- Freewheel clutch housing.
- Standard road sign kit.
- The tractor should be equipped with three doubleaction hydraulic couplings. Two for the door (two elements), one for the anvil.
- Automatic centralised lubrication system as standard.
- 300-600 hp tractor.
- Hydraulic adjustable anvil.
- 0-20 to 0-100 crushing.
- Recycling materials / Roads / Platforms/ Pipelines, etc.



BSC 250

Technical specifications // Price

Reference	Type	Number of hammers	Number of belts	Working width - m	Power HP	Weight kg
07 134 159	BSC 250	32	2 Synchronous	2,50	350	5 600
07 134 046	BSC 300	40	2 Synchronous	3,00	400	6 500

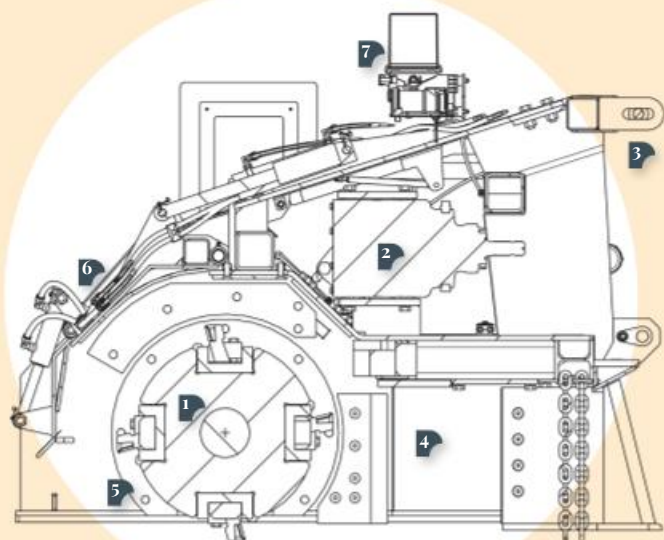
All the stone crushers come equipped with a transmission (specify the size and number of tractor side splines). Note: Crushers BPS 200, BPS 250 and BPS 300 come equipped with 6 or 20 Spline 1 3/4» transmissions. (The manufacturer may not be held liable for using 1 3/8» transmissions.)

Wear parts list

Reference	Description
02 093 018	Carbide hammer EKO
02 093 078	Carbide hammer HDG
02 093 013	Carbide hammer HD-TP
01 126 216	Grease cartridge
01 027 079	Trough protection plate
OPTION	
02 135 082	Reinforced primary drive (new machines)

Key features of the KIRPY BSC : High-Tech technology

- Dual synchronous belt drive.
- Torque limiter on rotor pulleys.
- 500 mm entry height.
- Rotor width = 2 or 2.5 meters.
- Crushing capacity between 300 and 500 m3/hour.
- Fully interchangeable body interior.
- Interchangeable hydraulic anvil.
- Rear door with hydraulic opening.
- Gearbox free wheel clutch.
- Centralised lubrication with oil recuperator.
- 3 types of carbide hammers for responding to various types of locations.



- | | |
|--------------------------------|----------------------------|
| 1 Rotor | 5 Hammers carbures |
| 2 Transmission | 6 Hydraulic expansion flap |
| 3 Hitch | 7 Lubrication unit |
| 4 Adjustable retractable anvil | |



BSC 300



BKL 150

Fixed carbide hammers

- High strength steel frame.
- Carbide hammers of the double tip (DT) series.
- Rotor diameter: Ø 490 mm.
- Freewheel housing: 540 rpm.
- 100% erasable hydraulic rear door.
- Branch guard.
- Tractors 90-140 HP.
- Category hitch: 2.

Technical specifications // Price

Reference	Type	Number of hammers	Number of belts	Rotor Speed tr/min	Working width (m)	Power CV	Weight kg
07 134 161	BKL 115	22	1 x 4 XPB	1 860	1,16	90 - 110	960
07 134 162	BKL 150	30	1 x 4 XPB	1 860	1,52	110 - 130	1 090
07 134 165	BKL 175	34	1 x 4 XPB	1 860	1,76	120 - 140	1 190

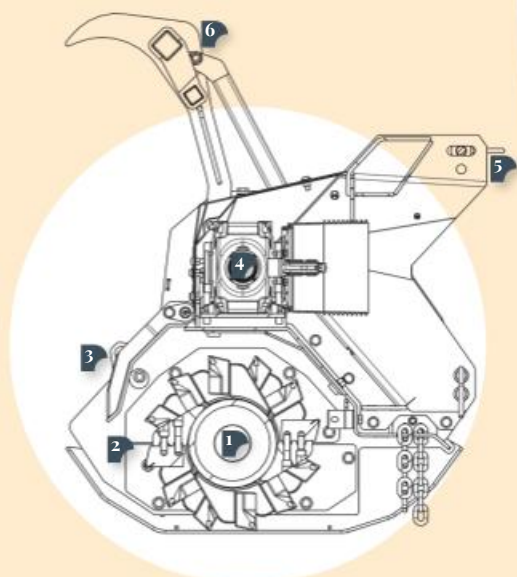
All BKL forestry mulchers are supplied with 6-spline 1 3/4 or 6- and 21-spline 1 3/8 driveline shafts (please specify the tractor-side yoke when ordering).

Wear parts list

Reference	Description
01 093 083	BKL carbide hammer double tips
01 126 216	Grease cartridge
01 127 167	Hammer Mounting Screws 16x40
01 127 168	Hammer Mounting Screws 16x60

Key features

- Maximum compactness: ideal for hard-to-reach areas.
- Exceptional maneuverability: easy to handle even on rough terrain.
- High working performance.
- Interchangeable box interior.
- Interchangeable comb.
- Adjustable skids: -20 / 0 / +20 mm.
- Inward V-shaped helical rotor.
- Double chain curtain.



- 1 Rotor
- 2 Hammers
- 3 Hydraulic rear door
- 4 Transmission
- 5 Hitch
- 6 Branch guard





Fixed carbide hammers

- Double belt drive with tensioners.
- Rotor diameter 550 mm.
- Single Tip Carbide Hammers (**ST**) as standard.
- Optional double Tip carbide hammers (**DT**).
- 1000 rpm freewheel housing.
- Tractors 180-300 HP.
- Category 2-3 hitch.



BKF 200

Technical specifications // Price

All mulchers are supplied with a driveline (please specify the size and number of splines on the tractor side).

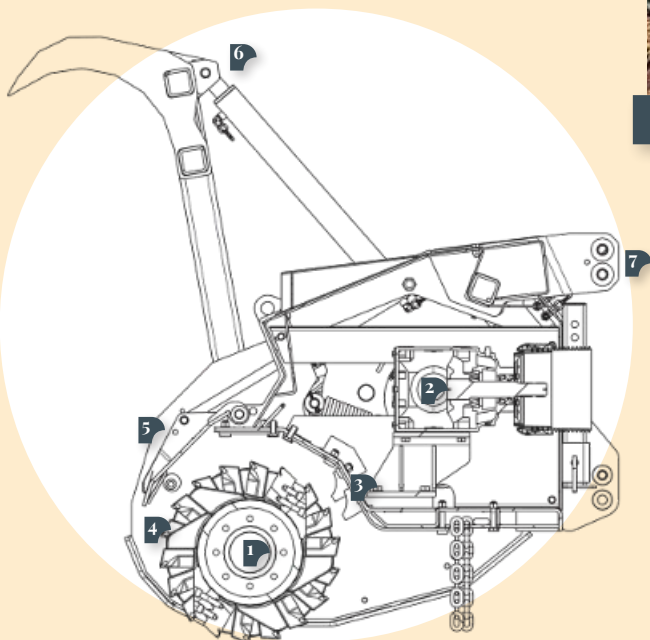
Reference	Type	Number of hammers	Number of belts	Rotor rotation speed rpm	Working width m.	Power HP	Weight kg
07 134 163	BKF 200	56	2x5 XPB	1 720	2,00	180 - 300	2 770
07 134 164	BKF 225	64	2x5 XPB	1 720	2,25	180 - 300	2 920
07 134 168	BKF 250	68	2x5 XPB	1 720	2,50	180 - 300	3 070

Wear parts list

Reference	Description
01 093 080	Single Tip Carbide Hammer (ST)
01 093 079	Carbide Hammer Double Tip (DT)
02 093 075	Side carbide hammer (DT)
02 093 039	Rotor external scraper
01 126 216	Grease cartridge
01 127 167	Hammer Mounting Screws 16 X 40
01 127 168	Hammer Mounting Screws 16 x 70
02 089 395	Front wear pad
02 089 396	Rear wear pad



BKF 200



- 1 Rotor
- 2 Transmission
- 3 Refining comb
- 4 Hammers
- 5 Hydraulic rear door
- 6 Branch guard
- 7 Hitch

BKF 200 / 225 / 250

Optional equipment for new crushers

Reference		Weight kg
BKF 200		
02 135 083	V-Rotor Double Tip Hammers (DT) - 150% Overlap*	+10,5
02 135 086	Mixed V-rotor : ST hammers - 90 cm / 75% - DT hammers 150 %*	+5
04 135 070	KIRPIC refining comb*	+16
03 135 067	3 rd and 4 th chain curtains	+74
04 135 091	Branch Guard BKF 200	+230
03 135 068	Hydrodynamic Limiters BKF 200*	+102
BKF 225		
02 135 084	V-Rotor Double Tip Hammers (DT) - 150% Overlap*	+12
02 135 087	Mixed V-rotor : ST hammers - 90 cm / 75% - DT hammers 150 %*	+6,5
04 135 097	KIRPIC refining comb*	+16
03 135 089	3 rd and 4 th chain curtains	+74
04 135 092	Branch Guard BKF 225	+245
03 135 099	Hydrodynamic Limiters BKF 225*	+103
BKF 250		
02 135 085	V-Rotor Double Tip Hammers (DT) - 150% Overlap*	+13
02 135 088	Mixed V-rotor : ST hammers - 90 cm / 75% - DT hammers 150 %*	+7,5
04 135 098	KIRPIC refining comb*	+20
03 135 090	3 rd and 4 th chain curtains	+74
04 135 093	Branch Guard BKF 250	+260
03 135 100	Hydrodynamic Limiters BKF 250*	+104
Options communes BKF 200-225-250		
04 135 101	Alignment of the bevel gearbox*	+100
02 135 077	Automatic central lubrication option S2	+10

* Option available only on new machines



Single Tip Carbide Hammer (ST)



Carbide Hammer Double Tip (DT)

Key features of the BKF

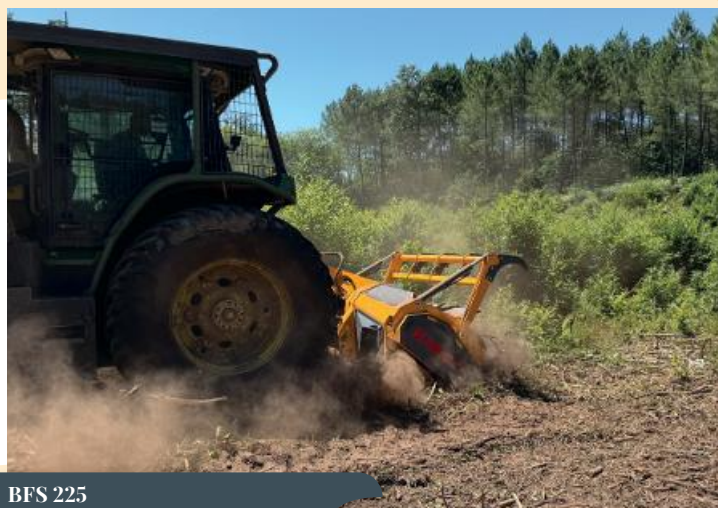
- Great work performance.
- Interchangeable body interior.
- Interchangeable comb.
- Adjustable glides -50/-25/0/25/50 mm (5 positions).
- Helical V-shaped retracting rotor
- Double curtain of chains as standard.
- Remote central lubrication as standard.
- Interchangeable rotor trunnions.
- 100% erasable hydraulic rear door.
- Rotor bearings incorporated into the rotor.
- Automatic belt tensioning by tensioning roller.



BKF 200

Fixed carbide hammers

- Double belt drive with tensioners.
- Rotor diameter 620 mm.
- Retractable V-Rotor as standard – Single Tip Carbide (**ST**) hammers as standard.
- Optional double Tip carbide hammers (**DT**).
- 1000 rpm freewheel housing.
- Hydraulic branch Guard as standard.
- Tractors 280-500 HP.
- Category 3 and 4 hitch.



BFS 225

Technical specifications // Price

All BFS forestry mulchers are supplied with 20-spline or 6-spline 1 3/4 driveline shafts (please specify the tractor-side yoke when ordering).

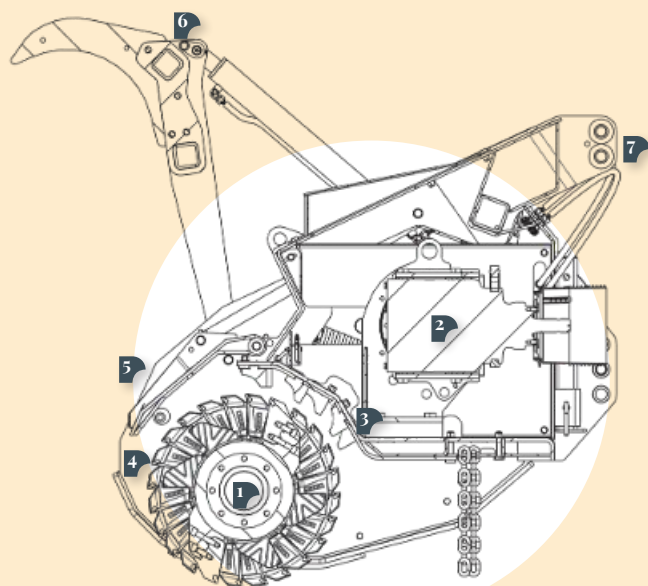
Reference	Type	Number of hammers	Number of belts	Rotor Speed tr/ min	Width chambre de broyShank (m)	Width Hors tout (m)	Power CV	Weight kg
07 134 160	BFS 225	64	2 x 6 XPB	1 530	2,25	2,74	280 - 500	4 400
07 134 166	BFS 250	68	2 x 6 XPB	1 530	2,50	2,99	280 - 500	4 600

Wear parts list

Reference	Description
01 093 044	Single Tip Carbide Hammer (ST)
01 093 045	Carbide Hammer Double Tip (DT)
02 093 030	Side carbide hammer (DT)
01 093 036	Carbide rotor external scraper
01 127 167	Hammer Mounting Screws 16 x 40
01 127 168	Hammer Mounting Screws 16 x 70
01 126 216	Grease cartridge



BFS 225



- | | |
|-----------------|-----------------------|
| 1 Rotor | 5 Hydraulic rear door |
| 2 Transmission | 6 Branch guard |
| 3 Refining comb | 7 Hitch |
| 4 Hammers | |



Single Tip Carbide Hammer (ST)



Carbide Hammer Double Tip (DT)

BFS 225 / 250

Optional equipment for new crushers

Reference	Description	Weight kg
BFS 225		
02 135 078	V-Rotor Double Tip Hammers (DT) - 150% Overlap*	+30
02 135 080	Mixed V-rotor : ST hammers - 90 cm / 75% - DT hammers 150 %*	+16
06 135 075	Rotor W - 100% overlap - 84 ST hammers + 4 DT *	+140
03 135 065	Hydrodynamic Limiters BFS 225 *	+122
03 135 064	3 rd and 4 th chain curtains	+90
BFS 250		
02 135 079	V-Rotor Double Tip Hammers (DT) - 150% Overlap*	+32
02 135 081	Mixed V-rotor : ST hammers - 90 cm / 75% - DT hammers 150 %*	+18
06 135 076	Rotor W - 100% overlap - 96 ST hammers + 4 DT *	+180
03 135 074	Hydrodynamic Limiters BFS 250 *	+122
03 135 073	3 rd and 4 th chain curtains	+90
Options communes BFS 225 - 250		
04 135 063	Long reel tines (Level 0)*	+130
02 135 077	Automatic central lubrication option S2	+10
02 135 082	Reinforced primary transmission *	+13

* Option available only on new machines.



Key features

- Great work performance.
- Enclosure alignment as standard.
- Interchangeable body interior.
- Interchangeable body and door combs.
- Adjustable glides -50/-25/0/25/50 mm (5 positions).
- Retractable or W V-shaped helical rotor.
- Double chain curtains as standard
- Remote centralized greasing system as standard
- Interchangeable rotor journals
- Rear hydraulic door with full 100% opening
- Rotor bearings integrated into the rotor



BFS Rotor – Interchangeable pin



Optional hydrodynamic safety clutch



Automatic tensioning by tensioner pulley



Public Works

- Public works tips: better penetration.
- Deep digging (50 cm).
- Reinforced chassis.
- 5-leaf spring as standard.
- Tines made from special forged steel.

Wear parts list

Reference	Description
01 030 004	Tip NS-TP
01 035 118	Axle
01 015 003	Retaining clips
01 104 075	Beam protector
01 127 051	Retaining screw
01 127 747	Fixation locknut

Technical specifications // Price

Reference	Type	No. of tines	Clearance cm	Chassis width - m	Working width - m	Power HPM	Weight kg
05 134 041	NS 25-7 TP	7	68	2,50	2,50	180	1 000
05 134 092	NS 30-9 TP	9	68	3,00	3,00	220	1 250

PUBLIC WORKS SUBSOILER / RIPPER SG

- Standard pivoting tines.
- Extremely heavy-duty and robust frame.
- Designed for work in extreme conditions.



Agriculture

Public Works

Technical specifications // Price

Reference	Type	No. of tines	Thickness of tines - mm	Working depth - cm	Working width - m	Power HP	Weight Kg
05 134 266	SG 270 TP	2	70	90	1,8 à 2,5	250 - 300	2 150
05 134 274	SG 370 TP	3	70	90	2,5	350 - 450	2 300
05 134 298	SG 370 TP lourde	3	70	90	2,5	350 - 500	3 760

When ordering specify chassis width - 1.80 to 2.50 m. Road sign kit: contact us



Agriculture

Public Works



LEVELLING BLADE LN 253

- Hydraulic offset/tilt rotation.
- Manual 180° pivot for pushing or pulling work.
- 400 x 200 depth control wheels.
- Standard side deflectors

Optional equipment for new crushers

Reference	Description
04 135 051	Arm extensions 25 cm l'unité
04 135 052	Road sign option kit

Technical specifications // Price

Reference	Type	Working width - m	Weight kg
07 134 157	LN 253	2,5	1 200



NS 25-7 TP

Optional equipment for new crushers

Reference	Description
04 135 115	Iron running gear
04 133 072	Full shanks NS-TP
03 135 056	Road sign kit NS 25TP
03 135 057	Road sign kit NS 30TP

STONE PICKER RDL 15-25



RDL 15-25

- Delivered complete with 6 spline 1 3/8" cardan.
- Standard road signShank.
- Road certification
- Transmission : 540 tr/min.

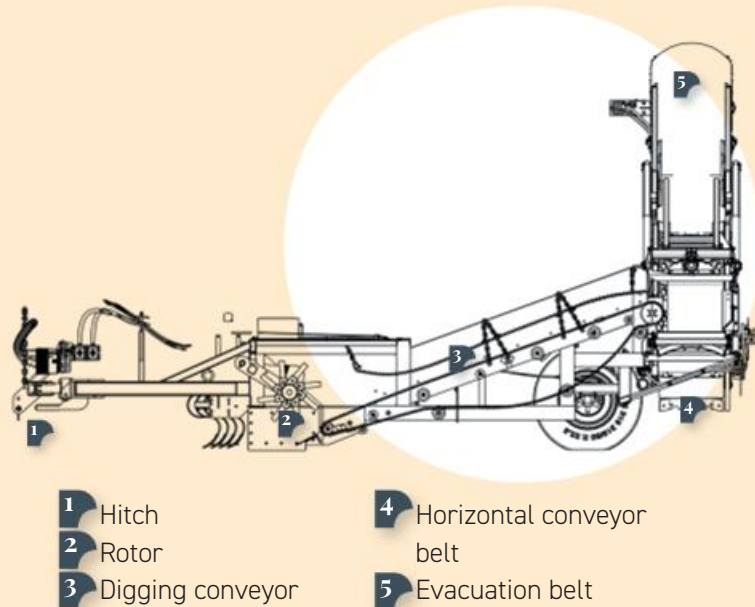
Technical specifications // Price

Reference	Type	Working width m	Working depth cm	Discharge height m	Collection capacity tonne/h	Tractor power Cv	Oil intake	Weight kg
08 134 059	RDL 15 - 25	2,40	0 - 15	3,20	120 - 200	100	1 dual-action + 1 single-action	5 100

Optional equipment for new crushers

Reference	Description
03 135 035	Low pressure wheel kit 500/50 - 22.5 Ø 1070 mm
03 135 034	Wear protection kit
04 135 036	Counterweight - 400 Kg*

* Option available only on new machines.



Wear parts list

Reference	Description
01 126 085	Main bar conveyor
01 126 084	Naked elevator belt
01 006 044	Rubber Pallet
01 126 083	Rear transverse conveyor
01 104 091	Conveyor bottom deflector

Les Key features of the RDL 15-25

- Working width de 2,4 m.
- Wide digging conveyor with 12mm diameter bars spaced to 24mm, equipped with rock traps.
- Maximum unloading safety with:
 - Horizontal rubber quarry mat,
 - Rubber conveyor equipped with cleats, 10 cm high and spaced 42 cm apart. Driven by an indepenTines hydraulic unit.

- Drive by an indepenTines hydraulic unit.
- Floating feeder rotor equipped with a breaking cylinder.
- Loading capacity from 120 to 200 t/h.
- Discharge up to 3.2 meters high.
- Maximum optimisation of jamming zones.
- Exceptional pick-up and overall performance.



KIRPY
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The stone removal specialist

STONE WINDROWER AN 32 MECHANICAL DRIVE

- Wheel adjustment with cranks.
- Reinforced construction.
- New tine layout for finer pick-up.
- Strengthened transmission.
- All prices include 1 3/8» 6 spline transmission, pneumatic wheels and transportation drawbar.
- Safety with torque limiter + shear bolt.
- Standard wheels 16.7 x 7.5 (8 ply) L: 178mm.
- Road sign kit: *contact us*.



AN 32 Wide wheels

Technical specifications // Price

Reference	Type	Width m	No. of tines	Working width - m	PTO speed - rpm	Weight kg
06 134 101	AN 32	4	96	3,00	540	840

STONE WINDROWER AN 32-H HYDRAULIC DRIVE

- Wheel adjustment with cranks.
- Reinforced construction.
- New tine layout for finer pick-up.
- Hydraulic drive
- IndepeTines hydraulic unit
- Standard oil cooler.
- All prices include 1 3/8» 6 spline transmission, pneumatic wheels and transportation drawbar.
- Road sign kit: *contact us*.



AN 32-H

Wear parts list

Reference	Description	No. of tines
02 093 053	Flat tine	96
02 093 060	Y tine	88 per rotor + 8 flat tines

Technical specifications // Price

Reference	Type	Width m	No. of tines	Working with - m	Power take-off - rpm	Tank L	Weight Kg
06 134 136	AN 32-H	4	96	3,00	540	110	1 300

Optional equipment for new crushers AN 32 & AN 32-H

Reference	Description
04 135 015	Deflector
06 135 047	Wide Wheels 24 x 13 (12 folds) L : 320 mm*

* Option available only on new machines.

STONE WINDROWER AN 3RS2 HYDRAULIC DRIVE



AN 3RS2

- Hydraulic transmission/stone windrow.
- Hydraulic drive.
- IndepeTines hydraulic unit
- Standard oil cooler.
- Wheel adjustment with cranks.
- 6 spline 1 3/8» transmission.
- Standard deflector.
- Standard highway sign kit.

Technical specifications // Price

Reference	Type	Width m	No. of tines	Working width - m	PTO speed - rpm	Weight kg
06 134 156	AN 3RS2	4	96	3,00	540	1 400

Wear parts list

Reference	Description	No. of tines
02 093 053	Flat tine	96
02 093 060	Y tine	88 per rotor + 8 flat tines

The **AN 3R** and **AN 5R** possess a hydraulic transmission and can move from the longitudinal transport position to the working position in just few seconds without getting off the tractor.

STONE WINDROWER AN 5R HYDRAULIC DRIVE



AN 5R : Position transport : semi-porté
Position travail : semi-porté

- Hydraulic work/placing for transport .
- Hydraulic drive.
- IndepeTines hydraulic unit
- Standard oil cooler.
- Depth control wheels.
- 6 spline 1 3/8» transmission.
- Standard deflector.
- Standard highway sign kit.

Wear parts list

Reference	Description	No. of tines
02 093 053	Flat tine	136
02 093 060	Y tine	128per rotor + 8 flat tines

Technical specifications // Price

Reference	Type	Width m	No. of tines	Working width - m	PTO speed - rpm	Weight kg
06 134 053	AN 5R	5	136	4,50	540	2 500



NON-STOP HEAVY CULTIVATORS NS 25/30/35/50

Extremely robust devices designed for :

- Deep scarification (50 cm).
- Replacing ploughing.
- Preparing rocky soils before aligning, crushing, picking up.
- Raising stones to the surface to facilitate crushing.
- Forged shanks with special steel.
- **NS 50 - 17**: Hydraulic crumbling rollers and road signShank as standard.



NS 50-17

* hydraulic folding

Technical specifications // Price

Reference	Type	No. of tines	longitudinal cm	Transversal cm	Clearance under shank cm	Chassis width - m	Weight kg
05 134 033	NS 25-5	5		56			760
05 134 034	NS 25-7	7	127	36	68	2,5	950
05 134 035	NS 25-9	9		28			1 140
05 134 036	ND 30-7	7		46			990
05 134 037	NS 30-9	9	127	35	68	3,00	1 180
05 134 038	NS 30-11	11		26			1 370
05 134 039	NS 35-9	9	127	40	68	3,50	1 310
05 134 040	NS 35-11	11		32			1 500
06 134 065	NS 50-17	17	127	33	68	5,00 (Foldable*)	4 100

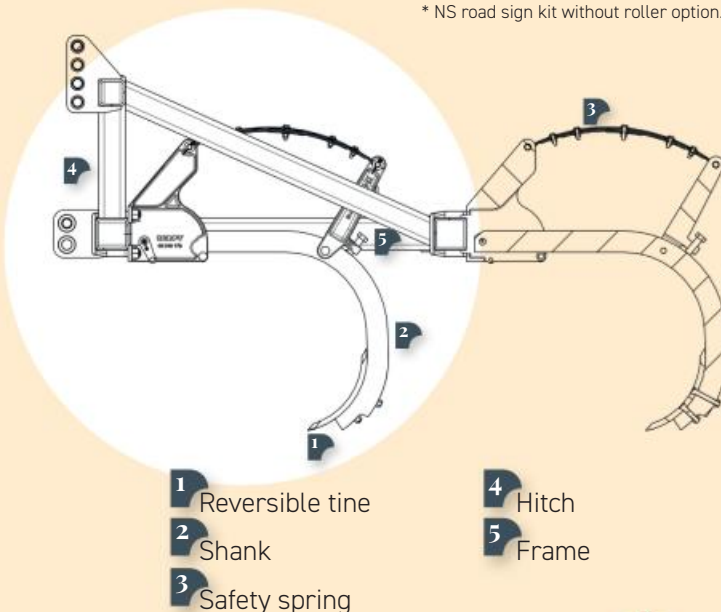
Wear parts list

Reference	Description
01 093 032	Reversible forged tine 60x20
01 093 002	Reversible reinforced forged tine 70x30
03 093 035	Duckfoot point
02 127 833	Special bolt 16 x 87
02 127 834	Special bolt 16 x 115
01 069 080	Collar flange
01 127 749	Brake/collar locknut

Optional equipment for new crushers

Reference	Description
Optional equipment : Crumbling roller (P. 23)	
03 122 019	Optional 5 leaf spring (per tine)
04 133 018	Full supplemental shank (tine + fasteners)
04 135 115	Iron running gear
05 135 028	Harrow kit NS 50
05 135 037	Depth control wheels NS 50
03 135 056	Road sign kit NS 25 *
03 135 057	Road sign kit NS 30/35 *

* NS road sign kit without roller option.





- Ploughing.
- Forged shanks with special steel.
- 50 cm working depth.
- Clumping rollers as standard.
- Standard road signs.
- NS type reinforced chassis.

Technical specifications // Price

* hydraulic folding

Reference	Type	No. of tines	Longitudinal - cm	Transversal - cm	Clearance under shank - cm	Chassis width - m	Weight Kg
06 134 084	DM 50-17	17	127	33	75	5,00 (Foldable*)	3 715

Wear parts list

Reference	Description
01 093 006	Reversible Moroccan tines
02 018 134	Safety bolt
02 127 716	Special bolt 14 x 90
02 127 717	Special bolt 14 x 130
01 069 080	Collar flange
01 127 749	Brake/collar locknut

Optional equipment for new crushers

Reference	Description
Optional equipment: Crumbling roller (P. 21)	
04 133 028	Full supplemental shank (tine + fasteners)
05 135 037	Iron running gear



CRUMBLING ROLLERS RE 25/30/35 RP 25/30

- Flat iron clod breaking roller.
- No transverse axle = no jamming.
- Wide diameter (Ø 60).

Wear parts list

Reference	Description
03 135 014	Hydraulic option on RE 25 or 30
04 135 059	Road sign kit NS 25 + RE 25
04 135 058	Road sign kit NS 30/35 + RE 30/35

Technical specifications // Price

The RE 35 comes equipped with standard hydraulic lifting.
The NS 50 and DM 50 are equipped with hydraulically adjustable crumbling rollers as standard.

Reference	Type	Hoe diameter - cm	Hoe dimensions - m	Adaptable on
06 135 001	RE 25	60	2,50	NS 25
06 135 002	RE 30	60	3,00	NS 30
06 135 032	RE 35	60	3,50	NS 35
06 135 071	RP 25	60	2,50	NS 25
06 135 104	RP 30	60	3,00	NS 30

The harvester comes fully equipped with :

- 3-point hydraulic jack transmission.
- Circular saws for cutting and notching.
- Alternate cutting saw + special wrench.
- For harvesting Burley or brown tobacco.



Optional equipment for new crushers

Reference	Description
04 135 207	Plate on picking arm

Technical specifications // Price

Reference	Type			
07 134 010	RMTD 03	Total working width	m	3,85
		Width at shipping	m	2,50
		Total weight	kg	960
		Power take-off	tr/min	540
		Tractor power	CV	40 - 50
		Drive		Hydraulic



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Public Works



Vine



Forest



Arboriculture

[illegible]

Arboriculture





GMV MAXI Model 2025

- Inclined and splayed legs to save tractor power and remove any risk of jamming.
- All parts subject to wear (V-type plough blades, cutting point and vertical blades) are interchangeable.
- Adjustable lifting bars. Mechanically welded beam frame and legs with large cross-section capable of withstanding the toughest strains.

Technical specifications // Price

Reference		Power HP	Throughput L/Min	Weight kg
	GMV «Champenoise» mechanical offset without rotor	90		500
	GMV «Champenoise» mechanical offset with rotor	110	60	670
	GMV «Champenoise» 450 mm hydraulic offset without rotor	90		700
	GMV «Champenoise» 450 mm hydraulic offset with rotor	110	60	870
05 126 102	GMV «MIDI» without rotor	100		750
06 134 322	GMV «MIDI» with rotor	120	60	1 100
06 134 321	GMV «LOURDE» with rotor	180	80	1 750
06 134 320	GMV «MAXI» with rotor	200	80	1 940

Rotor

- The stumps are completely extracted including all roots, even if extremely long.
- Roots are shaken to remove all earth.
- The rotor further flattens out the ground.

Regulating wheels

- Provide operator comfort, making it no longer necessary to adjust the working depth and the height of the rotor.

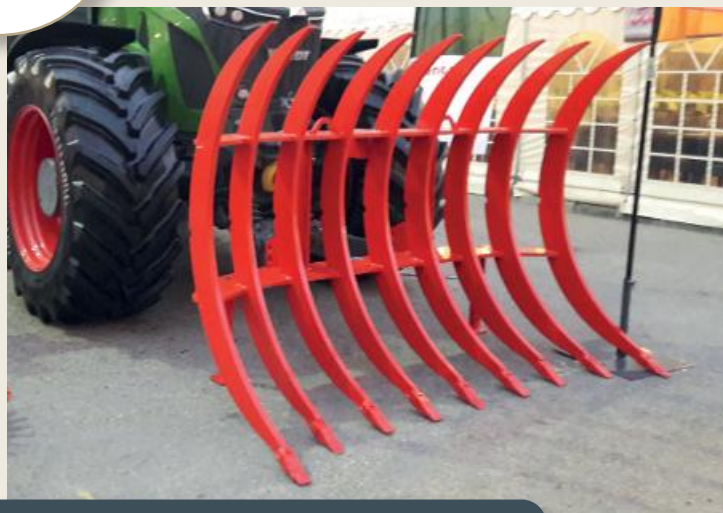


Optional equipment for new crushers// Pièces

Reference	
02 040 005	Rotor bar
	"MIDI" GMV additional hydraulic pump
	"CHAMP" GMV additional hydraulic pump
	Adjustment wheels for GMV

Additional hydraulic unit required

- If the tractor is not equipped with a variable flow hydraulic pump.
- To supply a 2nd rotor.
- To keep the tractor - machine hydraulic systems separated.



GD 2400



Front Rake/Claw Option

Front rake

- Allows vine stumps to be placed in piles or vine stumps.
- Easily interchangeable wear parts.
- On models **AMS** and **MA**, 3rd point set back in relation to the tines enabling the rack to be raised higher.

Technical specifications // Price

Reference	No. of tines	Tines section mm	Centre-to-centre distance tines mm	Tine height mm	Weight kg
GD 1800	7	30	295	1 750	730
GD 2400	9	30	295	1 750	910
MA 2450	8	20 upper/30 lower	340	1 500	1 100
MA 2450 + Pince	8	20 upper/30 lower	340	1 500	1 500
AMS 2550	9	40	310	1 750	1 700
AMS 2550 + Pince	9	40	310	1 750	2 230



FS 4550 rear rake

Rear rake

- It is no longer necessary to gather the small roots that escaped the front rake.
- Hydraulic folding rake

Accessories

Reference
Point + Key + Bloc 18 TLOD for GD
Point + Axle + Spring for MA / AMS
Reversible coulter for FS

Technical specifications // Price

Reference	No. of tines	Tines section mm	Centre-to-centre distance tines mm	Tine height mm	Weight Kg
FS 4550	17	35	300	600	1 400

SINGLE-FURROW PLOUGHS

QUARTER TURN



Agriculture



Vine



Arboriculture



KT N°4

Optional equipment

Type
Hydraulic turnover adaptation on older furrows
Safety adaptable to 3 bis models
Safety adaptable to models 4, 5 and 6
Offset beams (narrow tractors) for models 3 bis to 5
Winged coulter for furrows 3 bis to 5
Winged coulter for furrow No. 6
Breast ploughs for furrows Nos. 4 and 5
Breast ploughs for furrow no. 6

Technical specifications // Price

Numéro	Spindle diameter - mm	Clearance under shanks - cm	Working depth - cm	Power HP	Weight Kg
4	70	67	30 to 50	45 - 55	440
5	70	72	35 to 55	55 - 65	490
6	80	77	35 to 60	65 - 75	650
Monosoc N°5		72	35 to 55	55 - 65	400



KT N°12

RIPPER PLOUGHS

QUARTER TURN

- Shear bolt safety device - Hydraulic turnover.
- Charrue N°12 : retournement par double vérin.

Technical specifications // Price

Numéro	Power HP	Spindle diameter mm	Clearance under shanks cm	Equipment	Working width to cm	Weight Kg
7	75 - 80	90	80	35 bar body	45	800
8	80 - 90	90	84	40 bar body	48	860
8 BIS	90 - 110	105	84	40 bar body	48	1 000
9	100 - 130	105	90	45 bar body	50	1 200
10	140 - 175	120	96	Public works point	50	1 520
11	180 - 250	120	106	Public works point	50	1 630
12	220 - 350	140	106	Public works point	50	2 100

Optional equipment for new crushers

Type
Winged coulter
High-capacity skimmer
Water intake connections
Long frame (for simultaneous CD ZGC assembly)
Front end no. 10 on furrow no. 9

Type
Public works point No 10 on furrow No. 9.
Dual-function selector for tractor without 4 dual-action distributors





Agriculture

Vine

Arboriculture



SUBSOILERS

SINGLE-BODY



SOUS SOLEUSE N°3BIS

Optional equipment

Type	Weight kg
Drainage Ball*	
Normal mouldboard furrow ploughs	57

* Available in Ø 80 - 90 or 105

Technical specifications // Price

Reference	Body thickness mm	Clearance cm	Power HP	Weight kg
N°2	20	65	30 - 40	125
N°3	25	75	40 - 55	200
N°3 Bis	30	75	60 - 80	270
N°4	30	85	80 - 100	330
N°5	35	92	100 - 160	460
Forestière	70	65	80 - 130	450

SUBSOILERS

MULTI-BODY

- Offset on beam, three point coupling.
- When ordering, give the desired beam width which is equal to the tractor width (max 2.5m).
- From the **SG250110**, «swivel tooth» flanges as standard..



SG 370 TP

Technical specifications // Price

Number of bodies	Reference	Body thickness mm	Clearance under beam cm	Working depth cm	Tractor power HP	Weight kg
Light series						
2	SG 22050	20	50	35	20 - 30	150
2	SG 22560	25	60	45	35 - 50	220
3	SG 32560	25	60	45	50 - 65	290
Medium series						
2	SG 22566	25	66	50	55 - 70	320
3	SG 32566	25	66	50	70 - 85	430
Série lourde						
2	SG 230740	30	74	57	70 - 90	500
3	SG 330740	30	74	57	90 - 110	500
2	SG 235820	35	82	65	90 - 120	620
3	SG 335820	35	82	65	120 - 180	800
2	SG 250110	50	110	90	180 - 250	1 200
3	SG 350110	50	110	90	180 - 250	1 400
2	SG 270110	70	110	90	250 - 300	1 600
3	SG 370110	70	110	90	250 - 300	1 800
2	SG 270 TP	70	110	90	260 - 300	2 150
3	SG 370 TP	70	110	90	350 - 450	2 300
3	SG 370 TP Lourde	70	110	90	350 - 500	3 760

SUBSOILER

FERTILISER PLACEMENT SUBSOILERS



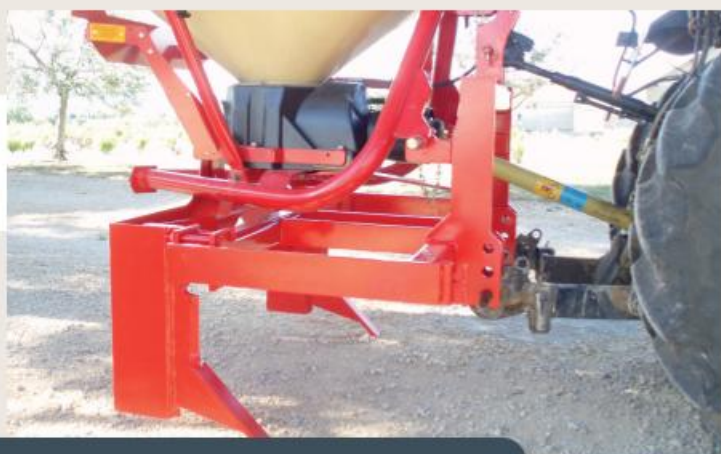
Agriculture



Vine



Arboriculture



FERTILISER PLACEMENT SUBSOILERS

- Adaptable to Kuhn fertilizer distributors.
- Max. centre-to-centre distance between tines 1.20 m.
- Clearance under beam 0.46 m.



FERTILISER PLACEMENT SUBSOILERS

Technical specifications // Price

Model	Weight kg
1 Row - Kuhn	140
2 Rows - Kuhn	180
1 Row - Vicon	155
2 Rows - Vicon	205

Pièces

Reference	Description
01 030 004	Pointe 18 TLOD



Vine

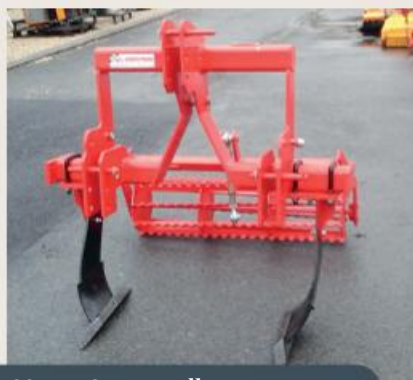
Technical specifications per optional equipment // Price

Reference	Width en m	Weight kg
Rear roller	Depending on the implement width	90
04 051 009	Dual hitch	75
04 062 031	Pair of extensions 2 × 150 mm	15
05 128 003	Pair of Michel tines with clamp	55

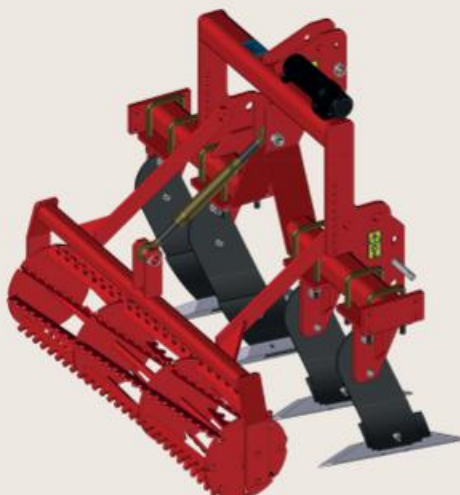
- Optimal soil decompaction.
- 2 standard teeth.
- Hitch category 1 and 2.
- Double Hitch category 2.

Technical specifications // Price

Reference	Type	Width Frame m	Weight kg
05 134 326	SSDM100	1	162
05 134 325	SSDM130	1,30	169
05 134 327	SSDM150	1,5	176



SSD MICHEL - roller



www.grandfranco.com

Tel +33 (0)4 75 00 02 43

MADE IN FRANCE



Arboriculture

CULTIVATORS LAVENDER STRADDLER

- Option Tines ressort type Bellota.
- Option to mount a non-stop disc in 510 mm.
- Option prices : *contact us*.



8-TINE STRADDLER

Technical specifications // Price

		Tines 25	Tines 30	Tines spring
Type		Weight kg	Weight kg	Weight kg
1 Rank	8 Tines Width 1m40 / 2m20	250	396	479
	10 Tines Width 1m40 / 2m60	290	585	553
	12 Tines Width 1m40 / 3m00	340	692	696
	Set of centre extensions (3 Tines)	48	95	
3 foldable ranks	20 tines entraxe ranks Rows 1m90	1 009	1 127	

RETRACTABLE CULTIVATORS ESF/LOC/EC



13 LOC 2R



Agriculture



Vine



Arboriculture

Reinforced model	Double coil spring 25 x 25 tube frames 80 x 80	Réf. ESF
Heavy model	Double coil spring 30 x 30 tube frames 90 x 90	Réf. LOC
Budget model	Double coil spring 25 x 25 tube frames 60 x 60	Réf. EC

Technical specifications // Price

2 Rows de Tines		
No. of tines Réf.	Weight kg	Running widths
11 ESF 2 R	260	1 700 / 2 000
13 ESF 2 R	310	1 700 / 2 400
15 ESF 2 R	360	2 100 / 2 800
9 LOC 2 R	340	1 350 / 1 800
11 LOC 2 R	400	1 800 / 2 200
13 LOC 2 R	470	2 200 / 2 600
5 EC 2R	110	850
7 EC 2R	130	1 300
9 EC 2R	145	1 600
11 EC 2R	172	2 100

3 Rows de Tines	
No. of tines Réf.	approx Weight
11 ESF 3 RL	300
13 ESF 3 RL	350
15 ESF 3 RL	410
9 LOC 3 RL	385
11 LOC 3 RL	450
13 LOC 3 RL	525

- Wide choice of shares.
- Extendable V-shaped cultivator.
- Allows you to work the soil between the rows.
- Many models and configuration available.
- Mechanical or hydraulic spacing.

Technical specifications // Price

VERSION FIXE						
No. of tines	Extension Mécanique m	Reference	Weight kg	Extension Hydraulique m	Reference	Weight kg
5 de 25 mm	0,76 à 0,90	05 134 332	180	0,65 to 0,90	04 134 333	195
7 de 25 mm	1,09 à 1,56	05 134 137	245	0,90 to 1,35	04 134 334	255
9 de 25 mm	1,24 à 2,25	05 134 138	350	1,03 to 1,78	04 134 335	384
VERSION RELEVShank HYDRAULIQUE						
No. of tines	Extension Mécanique m	Reference	Weight kg	Extension Hydraulique m	Reference	Weight kg
7 de 25 mm	1,09 à 1,56	05 134 336	305	0,90 to 1,35	04 134 338	316
9 de 25 mm	1,24 à 2,25	05 134 335	294	1,03 to 1,78	04 134 339	315

Option

Reference	Option	Extension Mécanique m	Extension Hydraulique m	Weight kg
05 134 055	10 th et 11 th Tines of 25	1,65 to 2,44	1,45 to 2,20	40

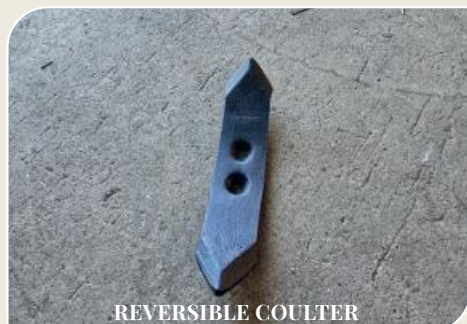
Optional equipment for new crushers

Reference	Description
05 013 036	Wheel/D250 Gauge/Pair
04 109 015	Rear roller Ø 330 1,20m (<i>Width hors tout</i>)
01 030 091	Reversible Coulter 55x15x300
03 030 101	Wingblade Coulter
01 030 094	Triangular Coulter
03 030 106	Triangular Coulter straight ridger
03 030 107	Triangular Coulter striker Left
05 104 012	Cureceps per pair



V-Expandable Cultivator

Pièces adaptables sur l'ensemble des gammes V, VME, NRB, ESF, LOC, EC SOC REVERSIBLE





Vine

VINE CULTIVATORS

VME

REINFORCED EXPANDABLE CULTIVATORS

- Soil preparation.
- For all planting widths.
- Wide choice of shares.
- Hydraulic spacing as standard.
- 3 working positions by connecting rod adjustment



VME 9 fixed Tines + SEGAP

Technical specifications // Price

Référence	Type	Connecting rod position 1	Connecting rod position 2	Connecting rod position 3	Weight kg
05 134 141	Fixed 9-tooth VME	1,21 / 1,97	1,36 / 1,97	1,76 / 2,25	525
05 134 323	VME 9 tooth hydraulic linkage	1,21 / 1,91	1,36 / 1,97	1,76 / 2,25	551
05 135 049	Option 10 and 11th tooth	1,66 / 2,36	1,81 / 2,43	2,21 / 2,70	50
06 135 052	Option support segap the pair	1,79 / 2,95	1,94 / 3,02	2,30 / 3,01	24

Options disponibles // Tarif

Reference	Type	Weight Kg
05 013 036	Wheel/D250 Gauge / Pair	80
05 104 010	Cureceps pair	15
04 125 020	VME D460 multi adjustment roller 1m20	126
04 125 021	VME D460 multi adjustment roller 1m20	142
04 125 008	VME D460 multi roller 1m60 settings	157
04 125 023	VME D460 multi adjustment roller 1m80 + reinforcements	176
04 125 024	VME D460 multi adjustment roller 2m + reinforcements	190

GRAPEVINE GROWERS

VME ENJAMBEUR

Straddle-mounted extendable cultivator

- Soil preparation.
- 5 teeth.
- Hydraulic spacing as standard.
- 2 working positions by linkage adjustment.
- Length 937 mm without hitch.



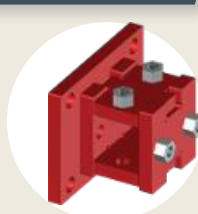
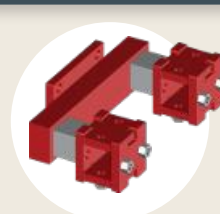
Technical specifications // Price

Reference	Type	Connecting rod position 1 - m	Connecting rod position 2 - m	Weight kg
05 134 302	VME enjambeur 5 tines	0,50 / 1,08	0,87 / 1,15	193

Options disponibles // Tarif

Reference	Type	Weight Kg
04 051 016	Square single hitch 50	6,5
04 051 015	Double square hitch 50	19
04 051 017	chain hitch	6

Different types of hitch – Chain / Single Square 50 / Double Square 50



VINE CULTIVATORS INTERCEP



- The SEGAP / GRENIER-FRANCO intercep is an under-vine cultivator designed for mechanical weeding within the vine row.
- The feeler integrated into the outer share allows it to work very close to the vine without leaving any untreated strip. The share and springs return the unit to its working position after deflection.
- Suitable for all soil types, with a working speed of up to 5.5 km/h.
- Can be mounted on all types of toolbars and cultivators.
- Simple to use and 100% mechanical.

Technical specifications // Price

Référence	Type	Weight
01 134 303	INTERCEP mechanical right GF/SEGAP right age	35
01 134 304	Left mechanical inter-vine GF/SEGAP right age	35
01 134 305	INTERCEP mechanical right GF/SEGAP right age champagne	33
01 134 306	Left mechanical INTERCEP GF/SEGAP right age champagne	33
01 134 307	INTER-VINE mechanical right GF/SEGAP age offset	36
01 134 308	LEFT MECHANICAL INTERCEP GF/SEGAP age offset	36
01 134 309	INTERCEP mechanical straight GF/SEGAP model arbo	40
01 134 310	Left-hand mechanical GF/SEGAP model arbo	40

Options disponibles

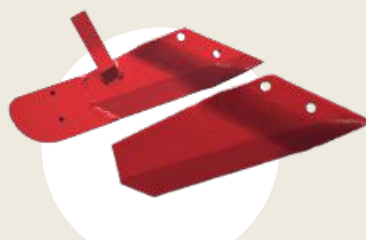
Référence	Type	Use	Weight kg
06 135 052	SEGAP VME SUPPORT - pair	VME	24
04 012 038	Tooth cracking 1/2 left offset	VME / KR2 / NRB	14
04 012 039	Tooth cracking 1/2 straight offset	VME / KR2 / NRB	14
04 012 040	Tooth cracking left full offset	VME / KR2 / NRB	16
04 012 041	Tooth cracking straight offset	VME / KR2 / NRB	16
	Kit SEGAP+	VME / KR2 / NRB	



**Bolt-on
mouldboards**



35 cm de-ridging share



**Champagne ploughshare inside
20 cm and outside 30 cm**



**42 cm long
ploughshare**



ROTARY WEEDER KR2-26

- Cleaning implement for rapid weed control in the row
- Work speed between 6 and 9 kph
- Allows vines to be planted, removed or even left flat depending on the settings of the various tools
- 4 hydraulically adjustable frame widths.



ROTARY WEEDER KR2-26

Technical specifications // Price

Reference	Narrow CultiCeps KR2.26 Vines from 1m40 to 1m90	Narrow CultiCeps KR2.26 Vines from 1m70 to 2m30	Standard CultiCeps KR2.26 Vines from 1m80 to 2m50	Wide CultiCeps KR2.26 Vines from 1m80 to 3m00
Option	Weight kg	Weight kg	Weight kg	Weight kg
Single frame	213	210	210	270
Fitted with tiller discs	557	457	542	660
Fitted with notched discs	557	457	542	660



KR2-26 equipped with crumbler discs

CultiCeps with complete accessories as standard // Price

Type	
Flanges for tiller or notched elements	
Blades + reversible ploughs	
Gauge wheels + crutches	
or	2-discs tillers discs Notched discs
Grenier Franco spring support Ø 540/700	
Finger rollers Ø 700 red-colored	

Other accessories // Price

Type		
3-discs tiller discs		
Grenier Franco spring support Ø 1000		
KULT support maxi Ø 700		
KULT support maxi Ø 1000		
Finger rollers	Ø540	Red Yellow
	Ø700	Yellow
	Ø1000	Yellow
Central anti-drift disc		
Floating hitch		



KR2-26 equipped with notched discs Ø460



CV5 with mouldboard

- Modular vineyard ploughs adaptable to your needs
- Welded frame
- High modularity
- Robust structure → 60x40 frame rails

Technical specifications // Price

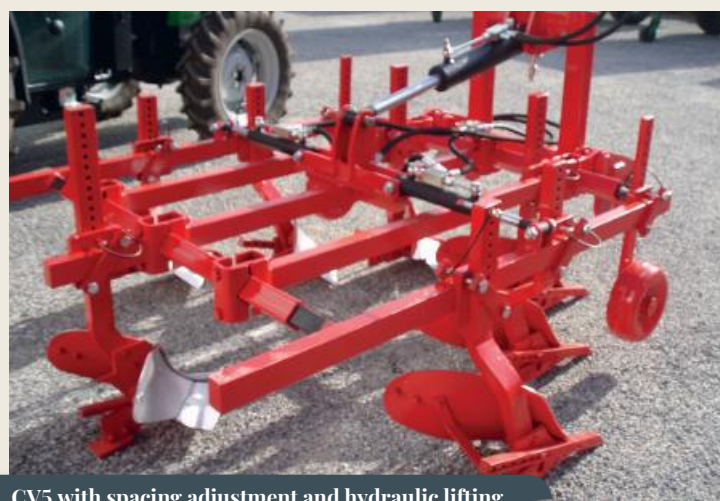
	Nb frame rails	Ep. Section	Standard frame length	Standard Frame Width	Mechanical extension	Weight kg
CV3	3	60 x 40	1 000	600	900	220
CV5	5	60 x 40	1 200	1 000	1 300	270
CV7	7	60 x 40	1 200	1 300	1 600	330

Optional equipment for new crushers

Type
Width/length out of standard
Hydraulic linkage
Hydraulic spacing stroke of 300mm
Extra spar tail – length 200 mm
Gauge wheel
Full body GC1 double moldboard with straight age
Full body GC1 moldboard left or right, with right age
Full body GC1 moldboard left or right, with offset age
Full body with ploughshare and ploughshare holder, with straight age
Complete body with ploughshare and ploughshare, with offset age
Winegrower's bride 60x60 - single



CV5 with melon coulters



CV5 with spacing adjustment and hydraulic lifting



Agriculture

Vine

DISC CULTIVATORS CULTIDISQ

- For inter-row vines from 2m20
- Discs on 2 rows to allow land strip be horizontally and vertically cut on a depth of 5 to 10cm
- Ø 510mm discs
- Standard roller Ø 350mm
- Work speed between 7 and 15 kph
- Hydraulic lifting of the frame and the roller in option.



CULTIDISQ 12D

Technical specifications // Price

RH: Hydraulic lifting of the frame

Reference	Description	overall length m	overall width m	Width work m	Hitch category	Weight kg
06 134 324	Cultidisq 6	2,35	921	760	CAT 1	680
06 134 329	Cultidisq 8	2,35	1 153	992	CAT 1/2	770
06 134 330	Cultidisq 10	2347	1 385	1 224	CAT 1/2	940
06 134 299	Cultidisq 12	2347	1 618	1 456	CAT 1/2	1 060
06 134 300	Cultidisq 14	2350	1 850	1 688	CAT 1/2	1 080
06 134 331	Cultidisq 16	2357	2 082	1 920	CAT 1/2	1 300
06 134 324	Cultidisq 20	2362	2 546	2 384	CAT 1/2	1 535

Optional equipment for new crushers

Reference	Description	Weight kg
04 133 007	Option of pair of Cultidisq deflectors	53
03 135 044	Cultidisq hydraulic roller lift option	8
03 135 041	Cultidisq hydraulic chassis linkage option	16
04 135 042	Option 1 central ripping tine	22
05 135 043	Option 2 external cracking teeth	83



CULTIDISQ 12D



CULTIDISQ 14D with 3 cracking teeth

CHISELS AND SUBSOILERS MGM/BGM



BGM 5750

Technical specifications // Price

Number of tines and special features	Reference	Width m	Clearance under frame cm	Tractor Power HD	Weight kg
3 Single beam	MGM 3650	1,70	65	50 / 60	350
3 Single beam	MGM 3750	1,80	75	65 / 75	400
5 double beam	BGM 5650	2,15	65	75 / 85	600
5 double beam	BGM 5750	2,40	75	90 / 125	740



Agriculture Vine Arboriculture

- Wide clearance rigid tines with safety bolts.

Technical specifications // Price

No. of tines	Reference	Standard widths m	Clearance under frame	Weight kg
5	SC 560	1,80	60	310
7	SC 760	2	60	390
9	SC 960	2,20	60	470

SC 560 offset tines (pair)



SC 560

SCARIFIERS - CHISELS SC

VERTICAL AXLE AGRICULTURAL CRUSHERS EV/SA

Accessories

Reference
Friction transmission in EV model
65 gearbox hp instead of 35 hp
Free wheel clutch adjustable once engaged

Technical specifications // Price

Type	Power Gearbox	Width m	Cutting assembly	Weight Kg
EV1000	20 / 50	1,00	2 Blades	150
EV1300	35 / 50	1,30	2 Blades	200
EV1500	35 / 65	1,50	2 Blades	250
EV1800	50 / 100	1,8	2 Blades	405
SA700	20 / 65	0,70	2 Blades	160
SA1000	35 / 65	1,00	2 Blades	200
SA1200	35 / 65	1,20	2 Blades	225
SA1400	45 / 65	1,40	2 Blades	290
SA1600	50 / 65	1,60	2 Blades	290
SA1800	60 / 100	1,80	2 Blades	360
SA2000	60 / 190	2,00	2 Blades	775



VINEYARD BRUSH CUTTERS SA 1200





SD/JM/SDC/BRC/LF/JMB

- The Grenier Franco forest brush cutters are simple, rugged and designed specifically for heavy ground-clearance work.
- They can be used to maintain trails such as forest roads, electrical power lines, partitioning, prairies, etc.
- Free-wheel clutch as standard on 200 HP box.



LF 1400 sur Skid loader

Type de coupes



Technical specifications // Price

Type	Power HP	Width m	Cutting assembly		Weight kg
LF 1400	80 / 100	1,44	3 Blades inclinées		340
LF 2000	110 / 240	2,17	3 Blades inclinées		1 800
SD 1800	120 / 240	1,80	6 Blades		1 000
SD 2000	120 / 240	2,00	6 Blades		1 200
JM 1200	30 / 50	1,20	3 chains Ø16	8 links	300
JM 1500	50 / 65	1,50		11 links	400
JM 1600	70 / 100	1,60		12 links	500
JM 1800	80 / 100	1,80		12 links	600
JM 2000	120 / 200	2,00		15 links	780
JM 2200	140 / 200	2,20		15 links	950
SDC 1500	80 / 100	1,50	3 chains Ø22	7 links	700
SDC 1600	90 / 200	1,60		9 links	800
SDC 1800	100 / 200	1,80		9 links	1 000
SDC 2000	120 / 240	2,00		9 links	1 200
SDC 2200	150 / 240	2,20		7 links	1 400
SDC 2400	170 / 240	2,40		9 links	1 600
BRC 2400	150 / 250	2,45	2x3 chains Ø22	7 links	1 500
BRC 3000	200 / 250	3,02		8 links	1 735
JMB 2600	120 / 155	2,71	2x3 chains Ø16	11 links	1 165
JMB 2800	130 / 155	2,85		11 links	1 275
JMB 3000	130 / 155	3,08		12 links	1 400

Technical specifications // Price Elements de coupe

Type	Cutting assembly	Body thickness mm	Material
LF 1400	Blades inclinées	6	S355
LF 2000	Blades inclinées	15	HB 400
SD 1800	Blades	15	HB 400
SD 2000	Blades		
JM 1200	chains Ø16	8 links	S355
JM 1500		12 links	
JM 1600		12 links	
JM 1800		12 links	
JM 2000		15 links	
JM 2200		15 links	
SDC 1500	chains Ø22	7 links	HB 400
SDC 1600		9 links	
SDC 1800		9 links	
SDC 2000		9 links	
SDC 2200		7 links	
SDC 2400		9 links	
BRC 2400	chains Ø22	7 links	HB 400
BRC 3000		8 links	
JMB 2600	chains Ø16	11 links	S355
JMB 2800		11 links	
JMB 3000		12 links	

Available option // Price

Reference
Built-in freewheel in the transmission
Grass blade kit for SDC model
Rass blade kit for JM model
Chain kit for SD 1800 and 2000 models



JM on robot



JMB 2800



SDC 2200



Agriculture Vine Arboriculture

SPECIFIC IMPL

PALLET LIFTER

Technical specifications // Price

Reference	Width int.	Width ext.	CMU kg	Length	Weight kg
LP700	515	710	700	1 000	80
LP1000	515	710	1 000	1 000	80
LP700D	370	570	700	1 000	180
LP1000D	370	570	1 000	1 000	200



PALLET LIFTER

SUBSOILERS

FRUIT TREE PLANTERS



PVR 450

- Reduced arduousness.
- High yield: 400 vines per hour.
- Respect for young plants.
- Simple but robust.

Technical specifications // Price

Model
PVR 450 with adjustment wheels, skimmers, feeler, audible indicator
Subsoiler No. 3 with planting apparatus, rear skimmers
Subsoiler No. 3 with planting apparatus, rear skimmers

“PRUNING” FORKS



FOURCHE poirrier 6 Tines

Technical specifications // Price

Model	Weight kg
6-tine peach harvesters, width 1.75 m	190
6- tine pear harvesters, width 1.30 m	175
7-tine pear harvesters, width 1.75 m	205
2-tine lateral extensions, per set	50
Tines seule section 50 - length 1m70	15

SUBSOILERS

PLASTIC LIFTER

Technical specifications // Price

Reference	Larg. int. lame	ep.Tines	Clearance under Beam	Weight kg
ASP130	1 300	25	60	340
ASP160	1 600	25	66	440



ANIMAL-DRAWN PLOUGH



ANIMAL-DRAWN PLOUGH

5 COULTER DRAWN PLOUGH

- 5 plough, designed for animal traction or winch operation.
- 6 working positions across 3 different linkage rod positions.
- Central pneumatic wheel and ergonomic handles.
- Working depth adjustment via 6 wheel positions.
- Handle height adjustment.

Technical specifications // Price

Reference	Width closed rod position mini	Width closed rod position maxi	Width open rod position mini	Width open rod position maxi	Weight kg
Charrue traction 5 Socs	330	704	874	1 028	64



5 COULTER DRAWN PLOUGH

ORGANIC FARMING CULTIVATORS NRB

- Makes it possible to alternate between working : solely at the base of plants in grassed in rows, or over all rows without grass cover.
- Hydraulic spacing of inter-stock supports as standard.
- Adaptation plate for specific inter-stock (*please consult us*).
- Hydraulic front end spread: cylinder stroke 200mm as standard, 300mm stroke available on request.
- Mechanical safety of the tine with spring.

Optional equipment for new crushers

Type
Hydraulic frame spreader
Vineyard Beam + Clamping plate (pair of clamping plates with beam under the frame)

Technical specifications // Price

Viticulture Model	Weight kg	Vines m	Forecarriage	C300 Cylinder option
3 NRB 2R	465	1,30 to 1,70	1,00 à 1,40	no
5 NRB 2R Étroit	585	1,60 to 2,00	1,00 à 1,40	no
5 NRB 2R	600	1,70 to 2,20	1,20 à 1,60	yes
7 NRB 2R	680	1,80 to 2,10	1,20 à 1,60	yes
7 NRB 2R Large	780	1,90 to 2,50	1,60 à 2,00	yes



Vine



5 NRB 2R



GRENIER FRANCO

MADE IN FRANCE



BECKER



standard@grenier-franco.com
www.grenier-franco.com
www.kirpy.com



Agriculture



Public Works



Vine



Forest



Arboriculture



SSM 5

- The Multifunctional Subsoiler is the solution for successful planting in the face of climatic excess, soil compaction and competing vegetation.
- It is possible to make poles, closed, worked, with hollow surface for filtering soils or with curved surfaces for hydromorphic soils.

Model standard :

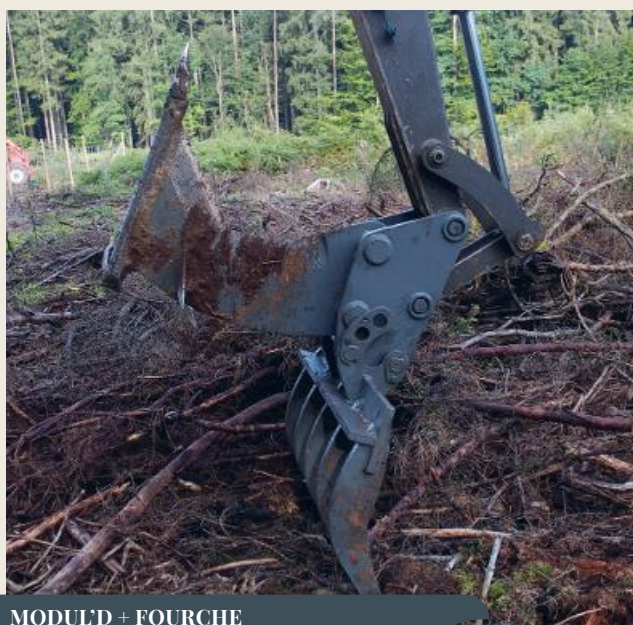
- Equipped with a vertical Subsoiler type body and a comb. The work of the comb consists in:
 - Removing grass cover
 - Repelling slash,
 - Stripping the litter to depth of 4-5 cm to remove the seed bank
- The Subsoiler type vertical body is fitted with 2 side fins.
- The work consists in de-compacting the soil in 3 passages over an area of one square meter to a depth of 60 cm.
- This combined work provides better rooting, faster growth and avoids recolonisation of the plot by competing vegetation during the first years of plant development.

Technical specifications // Price

Reference	Description	Working depth cm	Type of shovel	Comb Width cm	Weight kg
05 134 244	SSM2	65	2 T 5 to 4 T	65	100
05 134 245	SSM5	65	5 T to 10 T	105	180
05 134 243	SSM15	65	15 T to 24 T	105	443
	MODUL'D	65	5 T to 10 T		152

Pièces

Reference	Description
01 030 009	POINTE SD2 - SSM2 / SSM5
01 030 011	POINTE SD7 - SSM15



MODUL'D + FOURCHE

FOREST SUBSOILERS

ACCESSORIES

MODUL'D

- It possesses the same characteristics as the standard model with its Subsoiler type vertical body, while its comb is replaced by the ability to adapt 2 tools:
 - A fork to repel slash
 - A rasp to scalp grass cover
- Can only be used with the MODUL'D version of the Multifunction Subsoiler.

Technical specifications // Price

Description	Width cm	Weight kg
Fourche	103	147
Rape	105	105



- Reversible scarifier Makes the soil receptive to natural or artificial regeneration in difficult conditions due to exposure, acidity, non-decomposed humus, compacted soil, slopes, grass cover, etc.
- The first operation consists in setting aside all obstacles to sowing by scraping without incorporation into the soil.
- Secondly, this soil can be combed to a depth of 40cm.
- The work is performed mechanically by strip or by area. The reversible scarifier can work on a sown or cluttered surface, with residual materials etc.
- It can also be used to get rid of ferns by removing the rhizomes and brambles by combing.



SR 2

Pièces

Reference	Description
01 030 009	POINTE SD 2 - SR 2 / SR 5 / SR 7

Technical specifications // Price

Reference	Description	Working depth cm	Working width cm	Type of shovel	Weight kg
05 134 251	SR 2	40	72	2 T 5 à 4 T	110
05 134 252	SR 5	50	114	5 T à 6 T	192
05 134 253	SR 7	61	117	7 T à 9 T	320

Pickaxe harrow

PH



PH

- Used to decompact soil on the surface at a selected depth of between 5cm and 30cm.

The PH is composed of 2 tools for a work in 2 stages :

- Pick tines to de-compact compacted soil while respecting the root network in place.
- A stripper to clean excessively thick litter, unwanted grass or woody vegetation.
- PH Revitalise a too-dense root network by unhooking them. It is an essential tool for abandoned or poorly maintained truffle fields, to work with burnt areas in production or not, in a localised and precise manner.
- Finally, it is the solution for preparing delicate soils for natural regeneration.

Technical specifications // Price

Reference	Description	Working depth cm	Working width cm	Type of digger	Weight kg
05 134 214	PH	5 - 30	64	Mini -digger	120



S'CASS 2/4T

- Sylva'Cass is a tool for plantations and natural rule maintenance. It can perform multiple operations at the same time (cutting back unwanted vegetation, splitting, uprooting, working height up to 3.5m, soil preparation for natural fill-in planting, enrichment).
- Sylva'Cass is the ideal recovery tool.

Technical specifications // Price

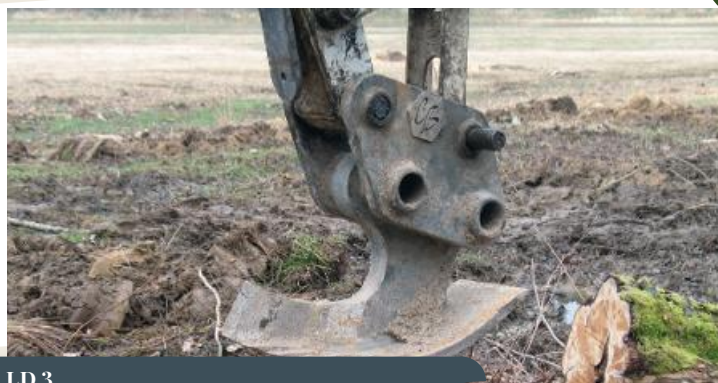
*All BECKER tools adaptable for diggers come with fixing pins.

Reference	Description	Blade width cm	Type of digger	Weight kg
05 134 284	S'CASS 2/4T	65	2/4	65
05 134 285	S'CASS 5/9T	65	5/9	84

GRUBBING BLADES

- Made from extremely strong steels, its unique design offers exceptional longevity.
- The LD type Stumping Blades have been developed to work in extreme conditions. The particular shape of the LDs and its selfsharpening bevel give excellent cutting results and allow work to be carried out as rapidly*.

***use with couplers or quick couplers will void any manufacturer's warranty*



LD3

Technical specifications // Price

*All BECKER tools adaptable for diggers come with fixing pins.

Reference	Description	Blade width cm	Type of digger	Weight kg
05 134 203	LD1	17	2 to 5 T	66
05 134 204	LD2	26	5 to 10 T	160
05 134 205	LD3	32,5	10 to 27 T	316

CLEARING FOOT



SF1

- Stabilises the mini-digger during its work and is able to deal with numerous obstacles in the forest environment (stumps, piles of branches, drainage ditches, etc.)
- The obstacle shoe tool allows you to secure your sites under difficult conditions and to increase your productivity.

Technical specifications // Price

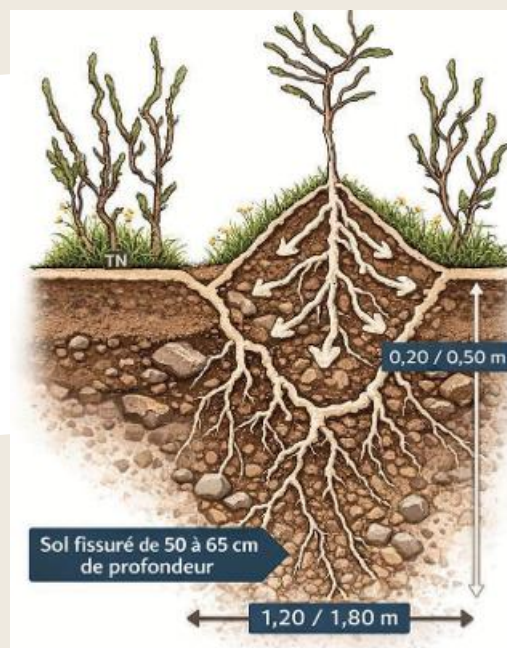
Reference	Description	Blade width cm	Type of digger	Weight kg
05 134 246	SF1	1,50	Mini-digger	145
05 134 178	SF2	1,98	Mini-digger	182

For quick and effective soil preparation!

- Used to create a ridge of variable width between 1.20m and 1.80m at a height of between 0.20m and 0.50m above natural ground level depending on the number of passes.

Why this particular design?

- For working in the centre of the ridge with the subsoiler at between 0.50m and 0.60m below natural ground level and then earthing up to obtain a halfturned furrow without disturbing the soil horizon.



CULTI 3B

The 3B Technique :

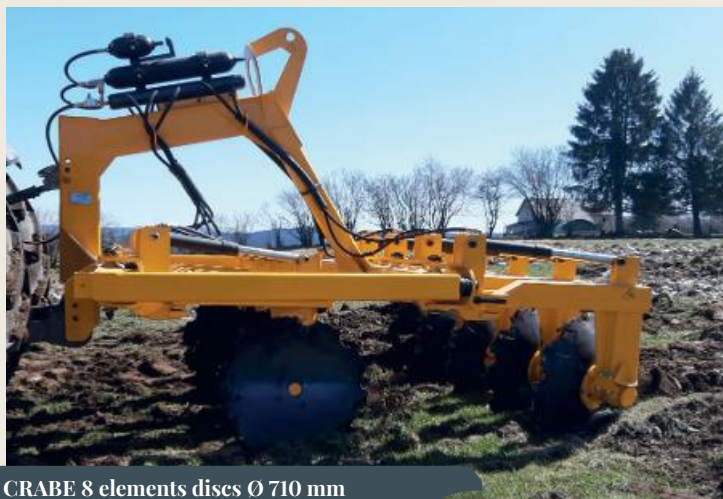
- Soil is decompacted at depth.
- Soil is bulked up and not blown about.
- The 3B technique provides for excellent implantation of the plants and their root system.
- The narrow ridges provide a lateral shelter and forest ambience for young plants.
- For strong plant growth in the first years with limited maintenance.

Technical specifications // Price

Reference	Working depth cm	Working width m	Discs	Weight kg
CULTI 3B	70	2,40	Ø 800	2 400



COVER CROP FOREST BRUSH CUTTER “CRABE” BÂTI 2M55



CRABE 8 elements discs Ø 710 mm

Extra

Reference

- Complete notched disc element Ø710 thk8
- Complete flail disc element Ø810 Thk10

Technical specifications // Price //

Discs Ø710 mm

Model	Frame width m	Power HP	Weight kg
5 Elements		70 to 80	1 170
6 Elements		80 to 100	1 400
7 Elements		100 to 110	1 570
8 Elements	2,55	110 to 120	1 750
9 Elements		120 to 130	1 920
10 Elements		130 to 140	2 100
13 Elements	3,30	160 to 170	3 165

Extremely robust devices for :

- Forest soil preparation
- Flame arrester maintenance
- Ground-clearance
- Ridging
- Non-stop vertical (hydraulic) and horizontal (oscillating yoke) safety



CRABE 13 elements discs Ø 710 mm



Elements CRABE

Technical specifications // Price //

Discs Ø810 mm

Model	Frame width m	Power CV	Weight kg
8 Elements	2,55	140 à 160	2 900



CRABE 8 elements



FCL 21P - JCP 295

- Brings light to young plantations.
- Grenier-Franco brush beaters are designed for forest maintenance work.
- Mounted on a hydraulic excavator.
- Equipped with 2 hydraulic motors and 2 beating rods, the rotation of the rods, combined with the back-and-forth movement of the excavator, breaks up vegetation in order to bring light to young plantations.



FCL 21P

Technical specifications // Price

Reference	Working width en m	Use	Weight kg
FCL 21P	3	Ferns and brambles	230
JCP 295	3	Ferns, brambles and woody plants	410

FOREST SUBSOILER

SF 130 820 H

- Forest subsoiling in all situations: stumps, residual materials, etc.
- Extremely robust
- Subsoiling tine hydraulic lift.



SF 130 820 H

Technical specifications // Price

Reference	Power HP	Clearance cm	Weight kg
SF 130 820 H	120 - 180	85	1 100



NOTES



Agriculture



Public Works



Vine



Forest



Arboriculture



General sales conditions

- 1** All of our sales are subject to our general sales conditions to the exclusion of any other document.
- 2** Our prices are those which are in effect as of the day of delivery.
- 3** Our prices are given without shipping costs from our factories in Layrac (47390 – France) or from Andancette (26140 – France)
- 4** Goods are always shipped at the recipient's own risk and responsibility.
- 5** No damages or late fees may be claimed for late deliveries under any circumstances.
- 6** Any orders handled by our representatives and the sales conditions related to them are only binding for us after we have confirmed them.
- 7** Payment conditions specified on invoices must be followed scrupulously. They might be modified with an advanced payment required according to legal and financial situation or the buyer.
- 8** Any delays in paying shall incur a penalty of 1.30% per month of delay until the overdue sums are paid in full.
- 9** A fixed fee of 40€ shall be charged to cover collection costs (Decree No. 2012-1115 du 02.10.2012).
- 10** Pursuant to the Commercial Code, any promissory notes attached to the invoices must be returned within eight days after reception.
- 11** Retention of ownership: in accordance with the Law of 12 May 1980, any delivered goods shall remain the sole property of the seller until full payment is made of the sum indicated on the invoice. Nevertheless, the responsibility for such goods shall be transferred at their delivery.
- 12** Completion date are estimated according to our stock and are not subject to any cancellation of the contract neither to a claim for compensations.

13. Warranties :

- a.** We guarantee the sold equipment against any material or structural defect during a period of one year starting from the date of delivery. This warranty does not cover any defect resulting from negligence, improper use of the equipment, such as submitting said equipment to abnormal stresses, or inexperience of the operator
- b.** The warranty becomes automatically voided if instructions of use or adjustment instructions provided with the equipment are not followed.
- c.** It is limited to the pure and simple replacement of the defective part by ourselves, or to its repair at our convenience, in which case the parts must be returned to our workshop without contribution from ourselves in any way to the labour costs incurred in disassembly and reassembly of the equipment.
- d.** It is explicitly agreed that the warranty is strictly limited to replacement or reconditioning of the parts that have been recognized as being defective, in accordance with the modalities below with the exclusion of any losses or damages of any nature or origin.
- e.** The warranty is voided for any use of wear parts or counterfeit spare parts or the use of unsuitable grease.

14 Billing fee : all of our invoices include a fixed billing fee.

15 Packaging fee : all of our invoices include a fixed packaging fee.

16 Disputes : any dispute arising between the parties will be exclusively subject to the jurisdiction of the Commercial Court of Agen for goods dispatched from Layrac site and Valence for those departing from Andancette, if no friendly solution has been reached beforehand within one month of notification of the dispute by registered letter with acknowledgment receipt



Agriculture



Public Works



Vine



Forest



Arboriculture





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The stone removal specialist



GRENIER FRANCO
MADE IN FRANCE

Dealer

